RECORD OF EVENTS

School of Historical Studies

ANCIENT STUDIES

October 4
Ancient Studies Seminar ✦ *Inscribed gameboards in the Roman East: orality and competition* ✦ **Angelos Chaniotis**, Professor, School of Historical Studies

October 11
Ancient Studies Seminar ✦ *Perdita res publica: the failed reforms of M. Livius Drusus (91 BCE)* ✦ **Frederik Vervaet**, The University of Melbourne

November 1
Ancient Studies Seminar ✦ *On the creation of monsters in art and nature: Horace, Ars Poetica 1-13, and the integration of aesthetic theory and natural history* ✦ **Guy Hedreen**, Williams College; Member, School of Historical Studies

Ancient Studies Seminar ✦ **November 8**
Ordering the fragments of Sappho, Books 1 & 4 ✦ **Patrick J. Finglass**, University of Bristol; Elizabeth and J. Richardson Dilworth Fellow, School of Historical Studies

December 6
Ancient Studies Seminar ✦ *Governing the empire – how did the Roman Princeps do this?* ✦ **Hartwin Brandt**, Otto-Friedrich-Universität Bamberg

January 31
Ancient Studies Seminar ✦ *Portrait of a city in change: The emporion of late Hellenistic Delos* ✦ **Mantha Zarmakoupi**, University of Pennsylvania; Edwin C. and Elizabeth A. Whitehead Fellow, School of Historical Studies

February 14
Ancient Studies Seminar ✦ *The Sebasteion of Lyttos/Crete: results of the new excavation* ✦ **Angelos Chaniotis**, Professor, School of Historical Studies

March 3
Long Epigraphic Friday, Day 1 ✦ *Tools for research on the graffiti of Smyrna (and Herculaneum and Pompeii)* ✦ **Rebecca Benefiel**, Washington and Lee University; Friends of the Institute for Advanced Study Member, School of Historical Studies ✦ *Studying informal writing in Aphrodisias* ✦ **Angelos Chaniotis**, Professor, School of Historical Studies ✦ *Atimia in Athens: The epigraphic evidence* ✦ **Maria Youni**, Democritus University of Thrace ✦ *IG XII.6.42: Rhetoric, narrative, emotions and memory with the repatriated Samians (322 BC)* ✦ **James Hua**, University of Oxford ✦ *Zeus Keraunios in Seleukeia Pieria* ✦ **Julian Schneider**, Universität Hamburg ✦ *The Pavement Inscription of the Sanctuary at Horvat Omrit (Golan Heights): An Alternative Reading* ✦ **Cédric Brélaz**, Université de Fribourg ✦ *Towards an Improved Text of Melfi, Lebena 10 (= I.Cret I, xvii, 8 + 10A + 7)* ✦ **Gil Renberg**, Howard University ✦ *Ἀγαθὸν πολυκαισαρίη: New Imperial Inscriptions from Lyttos (Crete)* ✦ **Georgios Tsolakis**, The University of Chicago

March 4
Long Epigraphic Friday, Day 2 ✦ *Old and new decrees from Megara* ✦ **Adrian Robu**, Université Paris 8 Vincennes-Saint-Denis ✦ *Pulling together inscriptions from Palmyra – a short overview of 3000 plus inscriptions from the 1st to the late 3rd century AD* ✦ **Rubina Raja**, Aarhus University ✦ *Some remarks on the honorary decree of the Artemisioi for L. Munatius Hilarianus* ✦ **Chiara Battisti**, Princeton University ✦ *New Inscriptions from Miletus and Didyma* ✦ **Sevgiser Akat Özenir**, Ege University; **Marijana Ricl**, University of Belgrade ✦ *Like father, like son. A new document on the accession of Tiberius from Baetica* ✦ **Flavio Santini**, University of California, Berkeley ✦ *Archaeology and the Colophon building inscription (SEG 19.698)* ✦ **Christopher Ratté**, University of Michigan; Member, School of Historical Studies ✦ *A wild bear, an adventurous statue, a successful gladiator and a helpful bureaucrat. New inscriptions from Herakleia Salbake, Aphrodisias, and Syros* ✦ **Angelos Chaniotis**, Professor, School of Historical Studies

March 21
Ancient Studies Seminar ✦ *Tiny evidence from a big city: the social and religious implications of the Palmyrene banqueting tesserae* ✦ **Rubina Raja**, Aarhus University

March 28
Ancient Studies Seminar ✦ *Ionian Migration* ✦ **Christopher Ratté**, University of Michigan; Member, School of Historical Studies

April 4
Ancient Studies Seminar ✦ *Archaeologies of Yeronisos off Cyprus: From the Ptolemies to Justinian* ✦ **Joan Breton Connelly**, New York University; Member, School of Historical Studies

April 11
Ancient Studies Seminar ✦ *The Local and the Global: religious interactions between Attica and the ancient Mediterranean (c. 600 BCE–300 CE)* ✦ **Ilaria Bultrighini**, Member, School of Historical Studies

EARLY MODERN EUROPE

October 4
Early Modern Europe Seminar ✦ *Fare la prova: The Use of Human Subjects in Renaissance Drug Trials* ✦ **Sharon Therese Strocchia**, Emory University; Member, School of Historical Studies

October 25
Early Modern Europe Seminar ✦ *Re-Reading West Africa's Oldest Arabic Book: Al-Maghīlī's 'Replies' to Askia al-ḥājj Muḥammad and Songhay Styles of Sovereignty* ✦ **Bruce Stewart Hall**, University of California, Berkeley; Hans Kohn Member, School of Historical Studies

November 15
Early Modern Europe Seminar ✦ *Chapter 1: A Different Kind of (In)equality* ✦ **Francesca Trivellato**, Andrew W. Mellon Professor, School of Historical Studies

December 6
Early Modern Europe Seminar ✦ *After the Fall (of Recife): Preserving and Recreating Dutch-Brazilian Ties in the South Atlantic, c. 1655–1730* ✦ **Thiago Nascimento Krause**, Universidade Federal do Rio de Janeiro; Member, School of Historical Studies

January 24
Early Modern Europe Seminar ✦ *Who Let the Gods Out? Pagan Powers, Passions, and Their Proxies in Jesuit Latin Epic* ✦ **Yasmin Annabel Haskell**, University of Western Australia; Martin L. and Sarah F. Leibowitz Member, School of Historical Studies

January 31
Early Modern Europe Seminar ✦ *Andrew Marvell's "Bermudas," the Bahamas, and the Revolutionary Puritan Atlantic, 1647–1653* ✦ **Evan Heafeli**, Texas A&M University; Member, School of Historical Studies

February 14
Early Modern Europe Seminar ✦ *Where is Islamic Law in Trans-Saharan Trade?* ✦ **Bruce Stewart Hall**, University of California, Berkeley; Hans Kohn Member, School of Historical Studies

March 3
Historical Studies Conference ✦ *New Directions in Economic History* ✦ Organized by **Francesca Trivellato**, Andrew W. Mellon Professor, School of Historical Studies

March 7

Early Modern Europe Seminar ✦ *Qingbai in Naples and an Embassy from the Yuan* ✦ **Anne Dunlop**, The University of Melbourne; Member, School of Historical Studies

March 14

Early Modern Europe Seminar ✦ *Descending the Mountain: Petrarch's Journey of Mental Disability and Consolation* ✦ **Elizabeth B. Bearden**, University of Wisconsin-Madison; Felix Gilbert Member, School of Historical Studies

March 21

Early Modern Europe Seminar ✦ *Elastic Empire: Architecture, Urbanism, and Identity in Early Modern Sicily* ✦ **Elizabeth Kassler-Taub**, Dartmouth College; Member, School of Historical Studies

March 28

Early Modern Europe Seminar ✦ *Profit and Prophecy: Islam and the Spice Trade* ✦ **Joel Blecher**, The George Washington University; Elizabeth and J. Richardson Dilworth Fellow, School of Historical Studies

April 4

Early Modern Europe Seminar ✦ *"That Cursed Bewitching Weed": Consumer Preference and the Global History of Brazilian Tobacco (c. 1620–1760)* ✦ **Thiago Nascimento Krause**, Universidade Federal do Rio de Janeiro; Member, School of Historical Studies

April 11

Early Modern Europe Seminar ✦ *Custom, Community, and the Common Good in Urban Law* ✦ **Esther Liberman Cuenca**, University of Houston–Victoria; Member, School of Historical Studies

April 18

Early Modern Europe Seminar ✦ *Basseporte's Hand* ✦ **Ewa Lajer-Burcharth**, Harvard University; Member, School of Historical Studies

EAST ASIAN STUDIES

October 3

East Asian Seminar ✦ *The Jiankang Empire: Urban Economy and Foreign Trade* ✦ **Andrew Chittick**, Eckerd College

October 10

East Asian Seminar ✦ *Narratives of Transtopia in the Sinophone Pacific* ✦ **Howard Chiang**, University of California, Davis; Member, School of Historical Studies

October 17

East Asian Seminar ✦ *Inventing the 'Maritime Silk Road* ✦ **Tansen Sen**, New York University, Shanghai

October 24

East Asian Seminar ✦ *Early China and the Mediterranean World: Interdisciplinary Study of Prestige Gold* ✦ **Yan Liu**, Northwestern Polytechnical University, Xi'an, China and Columbia University

November 7

East Asian Seminar ✦ *National Epic and Anti-Epic in Japanese Literary History* ✦ **David Lurie**, Columbia University

November 14

East Asian Seminar ✦ *State Architecture and National Myths: Museumification of the Forbidden City and Sanctification of the Meiji Shrine in the 1920s* ✦ **Peter Zarrow**, University of Connecticut; Member, School of Historical Studies

November 28

East Asian Seminar ✦ *Tribute as Infrastructure: Guangdong Woodwork at the Qing Palace Workshops* ✦ **Kyoungjin Bae**, Kenyon College; Member, Historical Studies

December 5

East Asian Seminar ✦ *Is There Science in Tibet?* ✦ **Anna Sehnalova**, University of Oxford; Member, School of Historical Studies

January 23

East Asian Seminar ✦ *Stirrings of the Heart: The Worlds of Classical Chinese Aesthetics* ✦ **Paul R. Goldin**, University of Pennsylvania; Roger E. Covey Member in East Asian Studies, School of Historical Studies

January 30

East Asian Seminar ✦ *East Asian Studies in the Computational Era: Opportunities and Challenges* ✦ **Andrea Nanetti**, Nanyang Technological University, Singapore and Dumbarton Oaks

February 13

East Asian Seminar ✦ *Uncanny Beliefs: Superstition in Modern Chinese History* ✦ **Emily Baum**, University of California, Irvine; George F. Kennan Member, School of Historical Studies

February 27

East Asian Seminar ✦ *Reading Cultural History from Early Chinese Technical Manuscripts* ✦ **Ethan Harkness**, New York University

March 13

East Asian Seminar ✦ *Visions of the Unseen: Models of Visuality and Standards of Evidence in Eleventh-Century China* ✦ **Ari Daniel Levine**, University of Georgia; Starr Foundation East Asian Studies Member, School of Historical Studies

March 21

Roger E. Covey Distinguished Lecture ✦ *We Have a History Too: One Hundred Years of Pre-Modern China Studies in the U.S.* ✦ **Patricia Buckley Ebrey**, University of Washington

March 27

East Asian Seminar ✦ *Beijing at War, 1850–1860* ✦ **Emily Mokros**, University of Kentucky; Member, School of Historical Studies

April 3

East Asian Seminar ✦ *An Uncertain World in Retrospect: Reading the Paratexts in the Trivial Words from the North of Yunmeng (Beimeng suoyan)* ✦ **Manling Luo**, Indiana University; Starr Foundation East Asian Studies Member, School of Historical Studies

April 10

East Asian Seminar ✦ *Materializing Return: Aspiration and Angst of the Chinese Dream in Rural China* ✦ **Minhua Ling**, Member, School of Social Science

HISTORY OF SCIENCE

December 1

S.T. Lee Public Lecture ✦ *The Doctor Who Wasn't There: Technology, History, and the Limits of Telehealth* ✦ **Jeremy Greene**, The Johns Hopkins University School of Medicine

December 2

S.T. Lee Seminar ✦ Discussions on chapters of Jeremy Greene's book *The Doctor Who Wasn't There: Technology, History, and the Limits of Telehealth* ✦ **Jeremy Greene**, Johns Hopkins University School of Medicine ✦ **Howard Chiang**, University of California, Davis; Member, School of Historical Studies ✦ **Emily Baum**, University of California, Irvine; Member, School of Historical Studies ✦ **Yulia Frumer**, Johns Hopkins University; Member, School of Historical Studies ✦ **Kyoungjin Bae**, Kenyon College; Member, School of Historical Studies ✦ **Nicole Barnes**, Princeton University ✦ **Jingwen Li**, Princeton University ✦ **Francesca DeRosa**, Princeton University ✦ **Gina Surita**, Princeton University ✦ **Haris Durrani**, Princeton University ✦ **Nic John Ramos**, Drexel University ✦ **Sharrona Pearl**, Drexel University ✦ **Jason Karlawish**, University of Pennsylvania ✦ **Robert Aronowitz**, University of Pennsylvania ✦ **Keith Wailoo**, Princeton University

February 24

History of Science Lecture Series ✦ *The Social Sciences are Better Than the Natural Sciences* ✦ **Steven Shapin**, Harvard University

March 30

History of Science Lecture Series ✦ *Microheterotopias: Chemistry Meets Glassblowing* ✦ **Catherine M. Jackson**, University of Oxford; **Tracy Drier**, University of Wisconsin–Madison

MEDIEVAL STUDIES

October 20
Medieval Studies Seminar ✦ *On 'presentism': Miri Rubin, "Presentism's Useful Anachronisms" (2017); Thelma Thomas and Alicia Walker, "Shifting Boundaries: Medieval Art History for Now" (2023)*

October 27–29
Second Annual Munsee Language and History Symposium ✦ [Link]

November 10
Medieval Studies Seminar ✦ *Medieval America: The Local in the Global* ✦ **Suzanne Conklin Akbari**, Professor, School of Historical Studies

November 17
Medieval Studies Seminar ✦ *Byzantine Homophobia and the Repentant Sodomite* ✦ **Derek Krueger**, University of North Carolina at Greensboro; George William Cottrell, Jr. Member, School of Historical Studies

December 1
Medieval Studies Seminar ✦ *Female Paideia in Medieval Byzantium: Visualizing the Classical Tradition* ✦ **Alicia Walker**, Bryn Mawr College; Agnes Gund and Daniel Shapiro Member, School of Historical Studies

December 8
Medieval Studies Seminar ✦ *How Pictures Hate: The Sources, Mechanisms, and Effects of Inflammatory Images* ✦ **Sara Lipton**, Stony Brook University; Elizabeth and J. Richardson Dilworth Fellow, School of Historical Studies

January 26
Medieval Studies Seminar ✦ *The Apocalypse of Pseudo-Methodius: Origins and Reception* ✦ **Christopher Bonura**, Member, School of Historical Studies

February 9
Medieval Studies Seminar ✦ *The Making of Urban Customary Law in Medieval England* ✦ **Esther Liberman Cuenca**, University of Houston-Victoria; Member, School of Historical Studies

February 15
Second Annual Munsee Delaware Story Evening ✦ *NEEKAAWA KIHTAACHIIMUWAK WULAAKWUNUWII (This Evening They Tell Stories)* ✦ **Ian McCallum**, Munsee Delaware Nation; Ontario Institute for Studies in Education, University of Toronto; artist **Katherine Chupik-Hall** ✦ [Link]

February 16
Medieval Studies Seminar ✦ *Informal Storytelling and Social Networks: A Paratextual Reading of the Record of Miraculous Recompense* ✦ **Manling Luo**, Indiana University; Starr Foundation East Asian Studies Member, School of Historical Studies

March 16
Medieval Studies Seminar ✦ *Africa Collecting Europe: Power and Patronage in Solomonic Ethiopia, 1470–1530* ✦ **Verena Krebs**, Ruhr-Universität Bochum; Gerda Henkel Stiftung Member, School of Historical Studies

March 29
Medieval Studies Event ✦ *Late Antique and Early Medieval History Graduate Student Seminar* ✦ Co-organized with **Jack Tannous**, Princeton University, and **Helmut Reimitz**, Princeton University

April 6
Medieval Studies Seminar ✦ *Books About Everything: Medieval French Encyclopedias* ✦ **Luke Sunderland**, Durham University; Member, School of Historical Studies

April 13
Medieval Studies Seminar ✦ *The Birth of the Muslim Plague Martyr* ✦ **David Gyllenhaal**, Research Associate, Director's Visitor

April 26
Medieval Studies Event ✦ *Delaware Valley Medieval Association Annual Meeting*

May 10
Online Lecture ✦ *We Are the Stars: Honoring Our Literary Ancestors* ✦ **Sarah Hernandez**, University of New Mexico; **Diane Wilson**, author of *The Seed Keeper* ✦ [Link]

July 26–30
Inaugural Lunaape Language Camp at Princeton

NEAR/MIDDLE EASTERN AND ISLAMIC STUDIES

September 19
Near Eastern Studies Symposium ✦ *Medieval (and Premodern) Muslim Scholars at Work: A Symposium in Honor of Etan Kohlberg* ✦ Convenors: **Joseph Witztum**, The Hebrew University of Jerusalem, and **Sabine Schmidtke**, Professor, School of Historical Studies

October 13
The Author's Voice ✦ *The Perils and Joys of writing on the Arabs before Islam* ✦ **Ayad Al-Ani**, Einstein Centre Digital Future, Berlin, and Stellenbosch University ✦ Hosted by: **Sabine Schmidtke**, Professor, School of Historical Studies; **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; and Editor-in-Chief, Gorgias Press; in cooperation with **Angelos Chaniotis**, Professor, School of Historical Studies

December 8
The Author's Voice ✦ *Through the Prism of Wisdom: Elijah the Prophet as a Bearer of Wisdom in Rabbinic Literature* ✦ **Hilla N. Alouf-Aboody**, Independent Scholar ✦ Hosted by:

Sabine Schmidtke, Professor, School of Historical Studies; **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; and Editor-in-Chief, Gorgias Press; in cooperation with **Angelos Chaniotis**, Professor, School of Historical Studies

December 9
Princeton University MARBAS and CDH Symposium ✦ *Machine Learning and the Future of Philology, HTR/OCR and the Building of the Simtho Syriac Corpus* ✦ **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; and Editor-in-Chief, Gorgias Press

January 20
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The Case of Oriental Studies During the Late 19th and Early 20th Century* ✦ **Sabine Schmidtke**, Professor, School of Historical Studies

January 25
Near Eastern Studies Seminar ✦ *Building OCR/HTR Models, a Corpus, and a Lexical Database for Syriac* ✦ **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; Editor-in-Chief, Gorgias Press

January 27
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Goldziher between European Orientalism and the Arab Nahda: Digitally Mapping a Far-Reaching Network* ✦ **Rukayyah Reichling**, University of Amsterdam and Leuven Centre for the Study of Islam, Culture and Society; **Kotoz Abdelhafiz Ahmed**, University of Amsterdam and Leuven Centre for the Study of Islam, Culture and Society

January 30
Department of Near Eastern Studies, Princeton ✦ *Islamic Economic Thought in the Age of the Spice Trade* ✦ **Joel Blecher**, The George Washington University; Elizabeth and J. Richardson Dilworth Fellow, School of Historical Studies

February 1
Near Eastern Studies Seminar ✦ *Writing on the Walls? Perspectives on Qaraquyunlu and Aqquyunlu Epigraphy (15th century CE)* ✦ **Georg Leube**, Universität Bayreuth; Member, School of Historical Studies

February 8

Near Eastern Studies Seminar ✦ *Averroes in the Islamic East: The Safavid Reception* ✦ **Reza Pourjavady**, Otto-Friedrich-Universität Bamberg; Patricia Crone Member, School of Historical Studies

February 10

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Leo Strauss's Letters to the Arabist Paul Kraus, between the Search of the Hidden Truth and Exile in Mizraim* ✦ **Ernst Herb**, Freelance Writer

February 15

Near Eastern Studies Seminar ✦ *Israel and Ishmael in Court: Jews in the Islamic Court according to Al-Mesavvadeh* ✦ **Uri Melammed**, The Hebrew University of Jerusalem; Patricia Crone Member, School of Historical Studies

February 17

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *CorrespSearch–Connect and Search Scholarly Editions of Correspondence* ✦ **Stefan Dumont**, Berlin-Brandenburgische Akademie der Wissenschaften

February 22

Near Eastern Studies Seminar ✦ *Traveling Nowhere: The Myth of the Medieval Jewish Globetrotters* ✦ **Simcha Gross**, University of Pennsylvania; Member, School of Historical Studies

March 3

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *"So far away, yet so close": The correspondence of Ignaz Goldziher between 1863 and 1922* ✦ **Kinga Dévényi**, Independent Scholar

March 8

Near Eastern Studies Seminar ✦ *Against the Centre: Writing Azeri Turkish Narratives in Iran* ✦ **Leila Rahimi Bahmany**, Visitor, School of Historical Studies

March 10

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *A Taste for the Difficult and Abstruse:*

A Seventeenth-Century Paris Librarian and His Orientalist Network ✦ **Paul Babinski**, University of Copenhagen

March 17

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The Life of Max Meyerhof through his correspondence* ✦ **Isolde Lehnert**, Deutsches Archäologisches Institut Kairo

March 22

Sharmin and Bijan Mossavar-Rahmani Center for Iran and Persian Gulf Studies, Princeton University ✦ *Against the Centre: Writing Azeri Turkish Narratives in Iran* ✦ **Leila Rahimi Bahmany**, Visitor, School of Historical Studies

March 23–24

Workshop ✦ *Yemen under the rule of Imam Yaḥyā, 1904 through 1948: A critical assessment of the sources* ✦ Convened by: **Marieke Brandt**, Austrian Academy of Sciences; **Valentina Sagaria Rossi**, Research Associate, School of Historical Studies; **Sabine Schmidtke**, Professor, School of Historical Studies; **Jan Thiele**, Centro de Ciencias Humanas y Sociales del Consejo Superior de Investigaciones Científicas (CCHS-CSIC)

March 31

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *A library lost in translation: Paul Sbath's correspondence with Eugène Tisserant* ✦ **Celeste Gianni**, Hill Museum & Manuscript Library, Collegeville, Minnesota

April 5

Near Eastern Studies Seminar ✦ *The Apocalypse of Pseudo-Methodius: Between Syriac Christianity and Byzantium* ✦ **Christopher Bonura**, Member, School of Historical Studies

April 7

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The Correspondence between the orientalist and manuscript dealer Abraham Shalom Yahuda (d. 1951) and the Cairo-based publisher and manuscript dealer Mohammad Amin Khanji (d. 1938)* ✦ **Garrett A. Davidson**, College of Charleston

April 12

Near Eastern Studies Seminar ✦ *Islamic Ethics and the Spirit of Capitalism: Commerce and Corruption at the Port of Malacca in the 15th-century* ✦ **Joel Blecher**, The George Washington University;

Elizabeth and J. Richardson Dilworth Fellow, School of Historical Studies

April 19

Near Eastern Studies Lecture ✦ *Reading looted books: Nazi confiscated property in the Library of the Heidelberg University of Jewish Studies* ✦ **Philipp Zschommler**, Heidelberg University of Jewish Studies

April 21

Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Lives and letters. The correspondence of Christiaan Snouck Hurgronje (1857–1936)* ✦ **Jan Just Witkam**, Leiden University

May 4

NES Workshop ✦ *Multilingual Manuscripts in Middle Eastern Manuscript Traditions* ✦ Conveners: **Sabine Schmidtke**, Professor, School of Historical Studies; **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; and Editor-in-Chief, Gorgias Press

June 28–30

Mainz History Talks Conference ✦ *Reflections on Byzantium from a Global Perspective II: Byzantium and the Islamicate World* ✦ Convenors: **Zachary Chitwood**, Johannes Gutenberg-Universität Mainz; **Johannes Pahlitzsch**, Johannes Gutenberg-Universität Mainz; **Sabine Schmidtke**, Professor, School of Historical Studies

July 5

Historical Studies-Social Science Library Book Conversation ✦ *Relational Iconography: Representational Culture at the Qaraquyunlu and Aqquyunlu Courts (853/1449 C.E. to 907/1501 C.E.)* ✦ Conversation with author **Georg Leube**, Member, School of Historical Studies

School of Mathematics

July 25

Computer Science/Discrete Mathematics Seminar I ✦ *Graphs as Geometric Objects* ✦ **Nathan Linial**, The Hebrew University of Jerusalem

September 9

Probability Seminar ✦ *Probabilistic Conformal Block and its Semi-Classical Limit* ✦ **Promit Ghosal**, Massachusetts Institute of Technology

September 16

Glimpses of Mathematics, Now and Then: A Celebration of Karen Uhlenbeck's 80th Birthday ✦ *Minimal Surface Stability in Higher Codimension* ✦ **Richard Schoen**, University of California, Irvine ✦ *Resonant Dynamics in*

Evolutionary Dispersive Equations ✦ **Bobby Wilson**, University of Washington ✦ *Panel: The Edge Program*

September 17
Glimpses of Mathematics, Now and Then: A Celebration of Karen Uhlenbeck's 80th Birthday ✦ *Quasi Local Quantities and Angular Momentum in General Relativity* ✦ **Shing-Tung Yau**, Harvard University ✦ *Higgs Bundles and Higher Teichmüller Spaces* ✦ **Brian Collier**, University of California, Riverside ✦ *Canonical Forms in Geometry and Soliton Theory* ✦ **Chuu-Lian Terng**, University of California, Irvine ✦ *Analysis Theorems in Gauge Theory* ✦ **Cliff Taubes**, Harvard University ✦ *The Morse Complex on Singular Spaces* ✦ **Graeme Wilkin**, University of York ✦ *Panel: Women and Mathematics, Then and Now*

September 18
Glimpses of Mathematics, Now and Then: A Celebration of Karen Uhlenbeck's 80th Birthday ✦ *Geometry, Fluids and the Laplacian* ✦ **Magdalena Czubak**, University of Colorado ✦ *The Hedgehog and the Fox* ✦ **Lillian B. Pierce**, Duke University

September 20
Short Talks by Postdoctoral Members ✦ *"Popular" Enhancements of Szemerédi's Theorem* ✦ **Ethan M. Ackelsberg**, Member, School of Mathematics ✦ *Classifying (Quasi-)Smooth Varieties Up to Cobordism* ✦ **Toni Mikael Annala**, Member, School of Mathematics ✦ *Decoupling and the Utility of Destructive Wave Interference* ✦ **D. Dóminique Kemp**, Member, School of Mathematics ✦ *Topology and Arithmetic of Some Spaces of Polynomials With Some Constraints* ✦ **Oishee Banerjee**, Member, School of Mathematics ✦ *Urysohn Widths Mod p* ✦ **Aleksandr Berdnikov**, Erik Ellentuck Fellow, School of Mathematics ✦ *Strength of Polynomials* ✦ **Arthur Bik**, Member, School of Mathematics

September 21
Special Program Learning Seminar ✦ *Time Change for Unipotent Flows and Rigidity* ✦ **Elon Lindenstrauss**, The Hebrew University of Jerusalem

Short Talks by Postdoctoral Members ✦ *Ricci Curvature and Non-Smooth Geometry* ✦ **Elia Bruè**, Giorgio and Elena Petronio Fellow, School of Mathematics ✦ *Robust Sublinear Expanders* ✦ **Matija Bucic**, Veblen Fellow, School of Mathematics ✦ *Introduction to Lattice Gauge Theories* ✦ **Sky Yang Cao**, Minerva Research Foundation Member, School of Mathematics ✦ *The Categorical Geometric Langlands Conjecture* ✦ **Lin Chen**, Member, School of Mathematics ✦ *Model Theory and Combinatorics of Finite Fields* ✦ **Alexis Chevalier**, Member, School of Mathematics ✦ *Structural Complexity of Universal Theories via Continuous Combinatorics* ✦ **Leonardo Coregliano**, Member, School of Mathematics

September 22
Short Talks by Postdoctoral Members ✦ *(Algebraic) Invariants from Geometry* ✦ **Ipsita Datta**, Member, School of Mathematics ✦ *Simple Zeros of L-Functions* ✦ **Alexandre Perozim de Faveri**, Member, School of Mathematics ✦ *On the Stability of Functional and Geometric Inequalities* ✦ **Federico Glaudo**, Member, School of Mathematics ✦ *Algorithmic Spin Glass Theory* ✦ **Mark Sellke**, Member, School of Mathematics ✦ *Floer Theory on Complex-Symplectic Manifolds* ✦ **Semon Kirillovich Rezchikov**, Veblen Fellow, School of Mathematics ✦ *Exit-Path Categories in Geometry and Topology* ✦ **Peter James Haine**, Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Arithmetic Holonomy Bounds and Apery Limits* ✦ **Vesselin Dimitrov**, Member, School of Mathematics

September 23
Probability Seminar ✦ *Algorithmic Thresholds for Mean-Field Spin Glasses* ✦ **Mark Sellke**, Member, School of Mathematics

September 26
Computer Science/Discrete Mathematics Seminar I ✦ *Making Proofs More Constructive, and Algorithms Less Random* ✦ **Oliver Korten**, Columbia University

September 27
Computer Science/Discrete Mathematics Seminar II ✦ *Robust Sublinear Expanders, and an Application Towards the Erdos-Gallai Conjecture* ✦ **Matija Bucic**, Veblen Fellow, School of Mathematics

September 28
Short Talks by Postdoctoral Members ✦ *Systolic Inequalities* ✦ **Alexey Balitskiy**, Member, School of Mathematics ✦ *Calculations in the Stable Homotopy Categories* ✦ **Hana Jia Kong**, Member, School of Mathematics ✦ *Endoscopy for Affine Hecke Categories* ✦ **Yau Wing Li**, Member, School of Mathematics ✦ *A Sum-Product Phenomenon and Arithmeticity of Discrete Subsets of Lie Groups* ✦ **Simon Machado**, Member, School of Mathematics ✦ *On New and Exotic Contact Manifolds* ✦ **Agustin Moreno**, Member, School of Mathematics ✦ *Convex Polytopes from Fewer Points* ✦ **Cosmin Pohoata**, Member, School of Mathematics

September 29
Short Talks by Postdoctoral Members ✦ *What Do Number Theorists Know About Homotopy Groups?* ✦ **Piotr Pstragowski**, Member, School of Mathematics ✦ *Random Surfaces and Conformal Field Theory* ✦ **Guillaume Remy**, Member, School of Mathematics ✦ *Translational Tilings* ✦ **Rachel Greenfeld**, AMIAS Member, School of Mathematics ✦ *On the Erdős Sumset Conjectures* ✦ **Florian K. Richter**, Member, School of Mathematics ✦ *A Glimpse of Expansion in CS* ✦ **Fernando Granha Jeronimo**, Member, School of Mathematics ✦ *The Structure of Measure Preserving Systems Associated with Szemerédi's Theorem* ✦ **Or Shalom**, Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Higher Hida Theory* ✦ **Vincent Pilloni**, École Normale Supérieure de Lyon

September 30
Probability Seminar ✦ *Coalescence of Geodesics and the BKS Midpoint Problem in Planar First-Passage Percolation* ✦ **Ron Peled**, Tel Aviv University; Cynthia and Robert Hillas Founders' Circle Member, School of Mathematics

Short Talks by Postdoctoral Members ✦ *Arithmetic Quantum Unique Ergodicity* ✦ **Zvi Shem-Tov**, Member, School of Mathematics ✦ *On Class Groups of Monogenic Fields* ✦ **Artane Jeremie Siad**, Member, School of Mathematics ✦ *Closing Lemmas and Pseudoholomorphic Curves* ✦ **Shira Tanny**, Member, School of Mathematics ✦ *Randomness in Algorithms: Understanding It, Eliminating It* ✦ **Roei Tell**, Member, School of Mathematics ✦ *Almost Primes in Short Intervals* ✦ **Joni Teräväinen**, University of Turku; von Neumann Fellow, School of Mathematics ✦ *It Ain't Over Till It's Over* ✦ **Pei Wu**, Member, School of Mathematics ✦ *Poincaré Duality* ✦ **Bogdan Zavyalov**, Member, School of Mathematics

October 3
Computer Science/Discrete Mathematics Seminar I ✦ *Relative Rank and Regularity* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Arnold Conjecture Over Z* ✦ **Guangbo Xu**, Rutgers, The State University of New Jersey; Member, School of Mathematics

October 4
Computer Science/Discrete Mathematics Seminar II ✦ *Almost Ramanujan Expanders from Arbitrary Expanders via Operator Amplification* ✦ **Fernando Granha Jeronimo**, Member, School of Mathematics

Special Year Research Seminar ✦ *On Recent Developments in Pointwise Ergodic Theory* ✦ **Mariusz Mirek**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Special Year Research Seminar ✦ *Sparse Distribution Problems for Some Dynamical Systems* ✦ **Adam Kanigowski**, University of Maryland

October 5

Analysis & Mathematical Physics ✦ *Lipschitz Rigidity for Scalar Curvature* ✦ **Bernhard Hanke**, University of Augsburg; Member, School of Mathematics

Mathematical Conversations ✦ *The Mahler Conjecture, Billiards and Systolic Inequalities* ✦ **Vinicius Gripp Barros Ramos**, Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro; von Neumann Fellow, School of Mathematics

October 6

Special Year Learning Seminar ✦ *The Geometry of Polynomial Functors* ✦ **Jan Draisma**, Universität Bern; Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *New Cohen-Lenstra Heuristics by Constructing Measures From Moments* ✦ **Will Sawin**, Columbia University

October 7

Probability Seminar ✦ *Transience for the Interchange Process in Dimension 5* ✦ **Allan Sly**, Princeton University

Guangbo Xu's Seminar ✦ *Fukaya-Ono-Parker Perturbations and Integral Counts of Curves* ✦ **Guangbo Xu**, Rutgers, The State University of New Jersey; Member, School of Mathematics

October 10

Computer Science/Discrete Mathematics Seminar I ✦ *Is Your Distribution in Shape?* ✦ **Ronitt Rubinfeld**, Massachusetts Institute of Technology

Members' Colloquium ✦ *Yamabe Flow of Asymptotically Flat Metrics* ✦ **Yi Wang**, Johns Hopkins University

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Simplicial Descent for Chekanov-Eliashberg dg-algebras* ✦ **Johan Asplund**, Columbia University

Probability Seminar ✦ *Macroscopic Loops in the Spin O(N), Double Dimer and Related Models* ✦ **Lorenzo Taggi**, Sapienza Università di Roma

October 11

Computer Science/Discrete Mathematics Seminar II ✦ *Superfast Derandomization of Interactive Proof Systems* ✦ **Roei Tell**, Member, School of Mathematics

Special Year Research Seminar ✦ *Some Small Progress on the Mizohata-Takeuchi Conjecture* ✦ **Marina Iliopoulou**, University of Birmingham

October 12

Special Year Learning Seminar ✦ *The Geometry of Polynomial Functors* ✦ **Jan Draisma**, Universität Bern; Member, School of Mathematics

Analysis & Mathematical Physics ✦ *Density Lower Bounds for Topologically Non-Trivial Minimal Cones* ✦ **Jacob Bernstein**, Johns Hopkins University; Member, School of Mathematics

Mathematical Conversations ✦ *Approximate Cohomology* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics

October 13

Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, The University of North Carolina at Chapel Hill; Member, School of Mathematics

Celebration in Honor of the Frank C. and Florence S. Ogg Professorship ✦ *Welcome* ✦ **David Nirenberg**, Director and Leon Levy Professor, Institute for Advanced Study; **Akshay Venkatesh**, Robert and Luisa Fernholz Professor, School of Mathematics ✦ *Thoughts about Andrew Ogg's (Torsion) Conjecture* ✦ **Barry C. Mazur**, Harvard University ✦ *Modular Curves, Modular Forms and Hecke Operators: Old and New* ✦ **Winnie Li**, Penn State University ✦ *A Guide to Moonshine* ✦ **John Duncan**, Emory University and Academia Sinica

Joint IAS/PU Number Theory Seminar ✦ *A Visit to 3-manifolds in the Quest to Understand Random Galois Groups* ✦ **Melanie Matchett Wood**, Harvard University

October 14

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Contact Non-Squeezing via Selective Symplectic Homology* ✦ **Igor Uljarevic**, University of Belgrade

Probability Seminar ✦ *Massless Phases for the Villain Model in d>=3* ✦ **Wei Wu**, New York University, Shanghai

Guangbo Xu's Seminar ✦ *Derived Orbifold Chart Lifts of Flow Categories and Bimodules* ✦ **Guangbo Xu**, Rutgers, The State University of New Jersey; Member, School of Mathematics

October 17

Computer Science/Discrete Mathematics Seminar I ✦ *The Optimal Error Resilience of Interactive Communication over the Binary Alphabet* ✦ **Rachel Zhang**, Massachusetts Institute of Technology

Members' Colloquium ✦ *Noetherianity up to Symmetry* ✦ **Jan Draisma**, Universität Bern; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Three-dimensional Anosov Flows and Non-Weinstein Liouville Domains* ✦ **Thomas Massoni**, Princeton University

October 18

Computer Science/Discrete Mathematics Seminar II ✦ *Almost Linear Time Algorithms for Max-flow and More* ✦ **Sushant Sachdeva**, University of Toronto

Guangbo Xu's Seminar ✦ *AMS Construction for Floer Moduli Spaces* ✦ **Guangbo Xu**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Special Year Research Seminar ✦ *Linear Equations in Smooth Numbers* ✦ **Lilian Matthiesen**, KTH Royal Institute of Technology, Stockholm

Special Year Research Seminar ✦ *Word Width in Higher Rank Arithmetic Groups* ✦ **Chen Meiri**, Technion–Israel Institute of Technology

October 19

Special Year Learning Seminar ✦ *Fraisse Limits and Tensor Spaces* ✦ **Nate Harman**, University of Michigan

Analysis & Mathematical Physics ✦ *On the Stability of the Fractional Caffarelli-Kohn-Nirenberg Inequality* ✦ **Federico Glaudo**, Member, School of Mathematics

October 20

Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, The University of North Carolina at Chapel Hill; Member, School of Mathematics

Guangbo Xu's Seminar ✦ *Derived Orbifold Chart Lifts of Flow Categories and Bimodules* ✦ **Guangbo Xu**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *On the Kernel of the Non-abelian Fourier Transform* ✦ **Ngo Bao Chau**, The University of Chicago

October 21

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Symplectic Convexity? (An Ongoing Story)* ✦ **Jean Gutt**, Université de Toulouse

Milnor Conjecture Learning Seminar ✦ *The Milnor Conjecture*

October 24

Computer Science/Discrete Mathematics Seminar I ✦ *Average-Case Computational Complexity of Tensor Decomposition* ✦ **Alex Wein**, University of California, Davis

Workshop on Additive Combinatorics and Algebraic Connections ✦ *Random Character Varieties* ✦ **Emmanuel Breuillard**, University of Oxford ✦ *The Polynomial Method and High-degree Varieties* ✦ **Miguel Walsh**, Universidad de Buenos Aires ✦ *The Failure of the Periodic Tiling Conjecture* ✦ **Rachel Greenfeld**, AMIAS Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Symplectic Embeddings and Toric Resolutions* ✦ **Marco Castronovo**, Columbia University

October 25
Workshop on Additive Combinatorics and Algebraic Connections ✦ *Polynomial Maps With Noisy Input-Distributions* ✦ **Jop Briet**, Centrum Wiskunde & Informatica ✦ *Ranks of Tensors* ✦ **Guy Moshkovitz**, Baruch College, The City University of New York ✦ *The Monomial Structure of Boolean Functions* ✦ **Shachar Lovett**, University of California, San Diego ✦ *The Alon-Jaeger-Tarsi Conjecture via Group Ring Identities* ✦ **Peter Pach**, Budapest University of Technology and Economics

October 26
Workshop on Additive Combinatorics and Algebraic Connections ✦ *Tensorial Forms in Infinite Dimensions* ✦ **Andrew Snowden**, University of Michigan ✦ *G-stable Rank and the Cap Set Problem* ✦ **Harm Derksen**, Northeastern University ✦ *On Tensor Properties Preserved Under Linear Maps* ✦ **Jan Draisma**, Eindhoven University of Technology; Member, School of Mathematics

Probability Seminar ✦ *3-Webs and the Boundary Measurement Matrix* ✦ **Richard Kenyon**, Yale University

Mathematical Conversations ✦ *Random Surfaces and Yang-Mills Theory* ✦ **Scott Sheffield**, Massachusetts Institute of Technology; Visiting Professor, School of Mathematics

October 27
Workshop on Additive Combinatorics and Algebraic Connections ✦ *Bounds for Subsets of $\mathbb{F}_p^m \times \mathbb{F}_p^m$ without L-shaped Configurations* ✦ **Sarah Peluse**, Veblen Research Instructor, School of Mathematics ✦ *Quantitative Inverse Theorem for Gowers Uniformity Norms U^5 and U^6 in Fn/2* ✦ **Luka Milicevic**, Serbian Academy of Sciences and Arts ✦ *Higher Order Stability and Quadratic Arithmetic Regularity Lemmas* ✦ **Caroline Terry**, Oklahoma State University

Joint IAS/PU Number Theory Seminar ✦ *Class Group Actions: Measure Rigidity, L-functions and Sieving* ✦ **Ilya Khayutin**, Northwestern University

October 28
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Three 20-min Research Talks* ✦ **Pierre Alexandre Mailhot**, Université de Montréal; **Nicole Magill**, Cornell University; **Ofir Karin**, Tel Aviv University

Workshop on Additive Combinatorics and Algebraic Connections ✦ *Towards a Geometric Analogue of Sarnak's Conjecture* ✦ **Will Sawin**, Columbia University ✦ *Approximate Lattices in Algebraic Groups* ✦ **Simon Machado**, Member,

School of Mathematics ✦ *Product Free Sets in Groups* ✦ **Noam Lifshitz**, Visitor, School of Mathematics

Reading Seminar on Alexandrov Geometry

October 31
Probability Seminar ✦ *On the Geometry of Uniform Meandric Systems* ✦ **Ewain Gwynne**, The University of Chicago

Members' Colloquium ✦ *Polynomials over Z and Q: Counting and Freeness* ✦ **Timothy Browning**, Institute of Science and Technology Austria; Member, School of Mathematics

November 1
Special Year Research Seminar ✦ *Sets with Small l^1 Fourier Norm* ✦ **Thomas Bloom**, University of Oxford

November 2
Special Year Learning Seminar ✦ *Higher Order Fourier Analysis in Finite Field Geometry* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics

Analysis & Mathematical *Physics* ✦ *Geometric Measure Theory on Non-Smooth Spaces with Lower Ricci Curvature Bounds* ✦ **Daniele Semola**, The Fields Institute; University of Toronto

Mathematical Conversations ✦ *Information Geometry: What and Why* ✦ **Patrick Shafto**, Rutgers University–Newark; Member, School of Mathematics

November 3
Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, The University of North Carolina at Chapel Hill; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *The Toda Lattice and the Viterbo Conjecture* ✦ **Vinicius Gripp Barros Ramos**, Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro; von Neumann Fellow, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Applications of the Endoscopic Classification to Statistics of Cohomological Automorphic Representations on Unitary Groups* ✦ **Rahul Dalal**, Johns Hopkins University

November 4
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Lagrangian Cobordisms, Enriched Knot Diagrams, and Algebraic Invariants* ✦ **Ipsita Datta**, Member, School of Mathematics

Milnor Conjecture Learning Seminar ✦ *Merkurjev's Theorem*

Special Year Informal Seminar ✦ *Twisted Recurrence in Dynamical Systems* ✦ **Jiajie Zheng**, Brandeis University

Reading Seminar on Alexandrov Geometry

November 7
Computer Science/Discrete Mathematics Seminar I ✦ *Smoothed Complexity of Local Max-Cut with Two Flips* ✦ **Xi Chen**, Columbia University

Hermann Weyl Lectures ✦ *Simultaneous Small Fractional Parts of Polynomials* ✦ **James Maynard**, Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Functoriality for Fukaya Categories of Very Affine Hypersurfaces* ✦ **Maxim Jeffs**, Harvard University

November 8
Computer Science/Discrete Mathematics Seminar II ✦ *Introduction to Natural Quasirandomness: Unique Colorability and Orderability* ✦ **Leonardo Coregliano**, Member, School of Mathematics

Special Year Research Seminar ✦ *Deviation Spectrum of Ergodic Integrals for Locally Hamiltonian Flows on Surfaces* ✦ **Krzysztof Fraczek**, Nicolaus Copernicus University

Special Year Research Seminar ✦ *Measure Growth in Compact Simple Lie Groups* ✦ **Yifan Jing**, University of Oxford

November 9
Special Year Learning Seminar ✦ *Topics in Model Theory: Stability, Amalgamation, and Finite Fields* ✦ **Alexis Chevalier**, Member, School of Mathematics

Hermann Weyl Lectures ✦ *The Duffin-Schaeffer Conjecture* ✦ **James Maynard**, University of Oxford; Friends of the Institute for Advanced Study Member, School of Mathematics

Mathematical Conversations ✦ *The Crooked Straight* ✦ **Bernhard Hanke**, Member, School of Mathematics

November 10
Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, University of North Carolina at Chapel Hill; Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Congruences Between Modular Forms and the Categorical p-adic Langlands Program* ✦ **Toby Gee**, Imperial College London

November 11

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *A Microlocal Invitation to Lagrangian Fillings* ✦ **Roger Casals**, University of California, Davis

Milnor Conjecture Learning Seminar ✦ *Merkurjev's Theorem* ✦ **Akshay Venkatesh**, Robert and Luisa Fernholz Professor, School of Mathematics

Probability Seminar ✦ *Mobility Edge for Lévy Matrices* ✦ **Amol Aggarwal**, Columbia University

Hermann Weyl Lectures ✦ *Half-isolated Zeros and the Density Hypothesis* ✦ **James Maynard**, University of Oxford; Friends of the Institute for Advanced Study Member, School of Mathematics

Reading Seminar on Alexandrov Geometry

Probability Seminar ✦ *Limit Profiles of Reversible Markov Chains* ✦ **Evita Nestoridi**, Stony Brook University; Princeton University

November 14

Computer Science/Discrete Mathematics Seminar I ✦ *Communication and Query Complexity of Bipartite Perfect Matching* ✦ **Yuval Efron**, Columbia University

Members' Colloquium ✦ *Algebraic K-theory and the Cyclotomic Trace* ✦ **Ayelet Lindenstrauss**, Indiana University; Visitor, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Embedding Obstructions for Non-Toric Rational Surfaces from Newton-Okounkov Bodies* ✦ **Ben Wormleighton**, Washington University

November 15

Computer Science/Discrete Mathematics Seminar II ✦ *Additive Combinatorics Through the Lens of Communication Complexity* ✦ **Toniann Pitassi**, University of Toronto; Columbia University; Visiting Professor, School of Mathematics

Special Year Research Seminar ✦ *Rigidity of Kleinian Groups via Self-Joinings* ✦ **Hee Oh**, Yale University

Seminar on Global Analysis ✦ *Index Theory for Lorentzian Manifolds* ✦ **Christian Bar**, University of Potsdam

November 16

Analysis & Mathematical Physics ✦ *Branched Regularity Theorems for Stable Minimal Hypersurfaces Near Classical Cones of Density Q+1/2* ✦ **Paul Minter**, Veblen Research Instructor, School of Mathematics

November 17

Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, University of North Carolina at Chapel Hill; Member, School of Mathematics

Reading Seminar on Alexandrov Geometry

Joint IAS/PU Number Theory Seminar ✦ *Toward a Theory of Prime Detecting Sieves* ✦ **Kevin Ford**, University of Illinois at Urbana–Champaign

November 18

Probability Seminar ✦ *Lozenge Tilings and the Gaussian Free Field on a Cylinder* ✦ **Marianna Russkikh**, California Institute of Technology

Milnor Conjecture Learning Seminar ✦ *The Beilinson-Lichtenbaum Conjecture* ✦ **Peter James Haine**, Massachusetts Institute of Technology

November 21

Computer Science/Discrete Mathematics Seminar I ✦ *Strong XOR Lemma for Communication with Bounded Rounds* ✦ **Huacheng Yu**, Princeton University

Members' Colloquium ✦ *Local Systems, Positivity and (Non-Commutative) Markov Numbers* ✦ **Anna Wienhard**, Universität Heidelberg; Member, School of Mathematics

Miscellaneous Math Seminar ✦ *3D Dimer Block Party* ✦ **Catherine Wolfram**, Massachusetts Institute of Technology; **Scott Sheffield**, Massachusetts Institute of Technology; Visiting Professor, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *A Connected Sum Formula of Embedded Contact Homology* ✦ **Luya Wang**, University of California, Berkeley

November 22

Computer Science/Discrete Mathematics Seminar II ✦ *The Polynomial Method in Communication Complexity* ✦ **Pei Wu**, Member, School of Mathematics

Special Year Research Seminar ✦ *Almost all Dynamically Syndetic Sets are Multiplicatively Thick* ✦ **Daniel Glasscock**, University of Massachusetts Lowell

November 23

Special Year Learning Seminar ✦ *Tao's Entropy Decrement Argument and Applications* ✦ **Joni Teräväinen**, University of Turku; von Neumann Fellow, School of Mathematics

November 25

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Three 20-min Research Talks* ✦ **Yash Deshmukh**, Columbia

University; **Lea Kenigsberg**, Columbia University; **Thomas Massoni**, Princeton University

November 28

Computer Science/Discrete Mathematics Seminar I ✦ *Algorithmic Stochastic Localization for the Sherrington-Kirkpatrick Model* ✦ **Mark Sellke**, Member, School of Mathematics

Members' Colloquium ✦ *An Introduction to Random Surfaces* ✦ **Scott Sheffield**, Massachusetts Institute of Technology; Visiting Professor, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Computing Embedded Contact Homology in the Morse-Bott Setting Using Cascades* ✦ **Yuan Yao**, University of California, Berkeley

November 29

Computer Science/Discrete Mathematics Seminar II ✦ *The Hypergraph Container Method, Partition Containers, and Algorithmic Applications* ✦ **Or Zamir**, Visitor, School of Mathematics

November 30

Special Year Learning Seminar ✦ *Ultrafilters, Dynamics, and Number Theory* ✦ **Florian K. Richter**, Member, School of Mathematics

Analysis & Mathematical Physics ✦ *Decay for the Teukolsky Equation on Subextremal Kerr Black Holes* ✦ **Rita Teixeira Da Costa**, Princeton University

Mathematical Conversations ✦ *Is the Mapping Class Group Always the Biggest Group?* ✦ **Anna Wienhard**, Universität Heidelberg; Member, School of Mathematics

December 1

Verlinde Dimension Formula ✦ *Verlinde Dimension Formula for the Space of Conformal Blocks and the Moduli of G-bundles* ✦ **Shrawan Kumar**, University of North Carolina at Chapel Hill; Member, School of Mathematics

Reading Seminar on Alexandrov Geometry

Joint IAS/PU Number Theory Seminar ✦ *Plectic Stark-Heegner Points* ✦ **Michele Fornea**, Columbia University

December 2

Probability Seminar ✦ *Modular Transformation of Conformal Blocks via Liouville CFT* ✦ **Yi Sun**, University of Chicago

Special Year Informal Seminar ✦ *S-arithmetic Diophantine Approximation* ✦ **Shreyasi Datta**, University of Michigan

December 5

Computer Science/Discrete Mathematics Seminar I ✦ *Optimal Weak to Strong Learning* ✦ **Kasper Green Larsen**, Aarhus University

Members' Colloquium ✦ *The Other Galois Representation of an Elliptic Curve* ✦ **Michael Larsen**, Indiana University; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Symplectic Geometry of Anosov Flows and their Invariant Volume Forms* ✦ **Surena Hozoori**, University of Rochester

December 6
Computer Science/Discrete Mathematics Seminar II ✦ *Online List Labeling: Breaking the $\log^2 n$ Barrier* ✦ **Nicole Wein**, Rutgers, The State University of New Jersey

Special Year Research Seminar ✦ *Products of Primes in Arithmetic Progressions* ✦ **Joni Teräväinen**, University of Turku; von Neumann Fellow, School of Mathematics

December 7
Special Year Learning Seminar ✦ *One-Parameter Subgroups, Stability and Kempf's Theorem* ✦ **Arthur Bik**, Member, School of Mathematics

Harmonic Analysis Afternoon ✦ *An Introduction to the Decoupling of Higher Dimensional, Zero Curvature Hypersurfaces* ✦ **D. Dóminique Kemp**, Indiana University; Member, School of Mathematics

Harmonic Analysis Afternoon ✦ *A Fractal Uncertainty Principle for Discrete 2D Cantor Sets* ✦ **Alex Cohen**, Massachusetts Institute of Technology

Analysis & Mathematical Physics ✦ *Three Things About Polynomials* ✦ **Ruixiang Zhang**, University of California, Berkeley

Mathematical Conversations ✦ *Bi-Lipschitz Equivalence to the Euclidean Space* ✦ **Yi Wang**, Visitor, School of Mathematics

December 8
Reading Seminar on Alexandrov Geometry

Joint IAS/PU Number Theory Seminar ✦ *Quadratic Twists of Modular L-Functions* ✦ **Xiannan Li**, Kansas State University

December 9
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Periodic Orbits and Birkhoff Sections of Stable Hamiltonian Structures* ✦ **Robert Cardona**, Instituto de Ciencias Matemáticas, Madrid

Probability Seminar ✦ *Conformally Invariant Fields out of Brownian Loop Soups* ✦ **Wei Qian**, City University of Hong Kong

Milnor Conjecture Learning Seminar

Group Theory/Dynamics Talk ✦ *How Small Can a Group or a Graph be to Admit a Non-Trivial Poisson Boundary?* ✦ **Anna Erschler**, École Normale Supérieure

December 12
Computer Science/Discrete Mathematics Seminar I ✦ *Optimization-Friendly Generic Mechanisms Without Money* ✦ **Mark Braverman**, Princeton University

Members' Colloquium ✦ *Varieties of Markoff Type: Arithmetic, Combinatorics, Dynamics* ✦ **Alexander Gamburd**, City University of New York; Member, School of Mathematics

December 13
Computer Science/Discrete Mathematics Seminar II ✦ *A Characterization of Multiclass Learnability* ✦ **Nataly Brukhim**, Princeton University

Special Year Research Seminar ✦ *Exponential Mixing and Fractal Uncertainty* ✦ **Osama Khalil**, University of Illinois at Chicago

Special Year Research Seminar ✦ *Toward Classifying Reducts of the Complex Field* ✦ **Chieu Minh Tran**, University of Notre Dame

December 14
Analysis & Mathematical Physics ✦ *Additive Energy of Regular Measures in One and Higher Dimensions, and the Fractal Uncertainty Principle* ✦ **Laura Cladek**, von Neumann Fellow, School of Mathematics

Analysis and Mathematical Physics ✦ *Classical Turbulence as Quantum Geometry* ✦ **Alexander Migdal**, New York University, Abu Dhabi

Mathematical Conversations ✦ *Rational and Integral Points on Elliptic Curves* ✦ **Wei Ho**, Visiting Professor, School of Mathematics

December 15
Reading Seminar on Alexandrov Geometry

Joint IAS/PU Number Theory Seminar ✦ *A Motivic Circle Method* ✦ **Timothy Browning**, Institute of Science and Technology Austria; Member, School of Mathematics

December 16
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Hofer's Geometry and Braid Stability* ✦ **Marcelo Alves**, University of Antwerp

Probability Seminar ✦ *Almost Sharp Sharpness for Boolean Percolation* ✦ **Barbara Dembin**, Eidgenössische Technische Hochschule Zürich

January 12
Spring Opportunities Workshop 2023 ✦ *A Retrospective View from the Trenches* ✦ **Karen Uhlenbeck**, Distinguished Visiting Professor, School of Mathematics ✦ *An Accidental*

Mathematician: Stories of a Journey Through STEM-Land as a Minority ✦ **Juan Meza**, University of California, Merced ✦ *Reconstruction in Algebraic Geometry* ✦ **Peter James Haine**, Member, School of Mathematics ✦ *A Mathematician's Path to Public Science Journalism* ✦ **Susan Dagostino**, Inside Higher Ed

Reading Seminar on Alexandrov Geometry

January 13
Spring Opportunities Workshop 2023 ✦ *The Structure of Tilings* ✦ **Rachel Greenfeld**, AMIAS Member, School of Mathematics ✦ *Math, Finance & Decisions: Career Paths in Financial Services* ✦ **Margaret Holen**, Princeton University ✦ *Affine Symmetric Spaces and 2-torsion in the Class Group of Unit-Monogenized Cubic Fields* ✦ **Artane Jeremie Siad**, Member, School of Mathematics ✦ *From Potential to Promise: Developing Scholars, One Eureka Moment at a Time* ✦ **Rajiv Gandhi**, Rutgers University–Camden

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Orbifolds and Systolic Inequalities* ✦ **Christian Lange**, Mathematisches Institut der Universität München

January 17
Special Year Research Seminar ✦ *On Furstenberg Systems for Some Aperiodic Multiplicative Functions* ✦ **Mariusz Lemanczyk**, Nicolaus Copernicus University in Toruń; Member, School of Mathematics

January 18
Special Year Learning Seminar ✦ *Bounds in the Inverse Theorem for the Gowers Norms (for Certain Groups)* ✦ **Frederick Manners**, University of California, San Diego; von Neumann Fellow, School of Mathematics

Analysis and Mathematical Physics ✦ *Regularity of Vortex and SQG Patches* ✦ **Alexander Kiselev**, Duke University

January 20
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Arnold Conjecture Over Integers* ✦ **Shaoyun Bai**, Stony Brook University

Probability Seminar ✦ *Langevin Dynamics of Yang-Mills in 2D and 3D* ✦ **Hao Shen**, University of Wisconsin–Madison

Milnor Conjecture Learning Seminar

Special Year Informal Seminar ✦ *Dynamical Degrees of Endomorphisms of Affine Surfaces* ✦ **Marc Abboud**, University of Rennes

January 23
Reading Seminar on Symplectic Topics

Computer Science/Discrete Mathematics Seminar I ✦ *Non-measurability of the Inverse Theorem for the Gowers Norms* ✦ **Terence Tao**, Member, School of Mathematics

Joint IAS/PU Arithmetic Geometry Seminar ✦ *Dual Abelian Varieties Over a Local Field Have Equal Volumes* ✦ **Vadim Vologodsky**, National Research University Higher School of Economics

January 24
Computer Science/Discrete Mathematics Seminar II ✦ *Locally Decodable Codes* ✦ **Zeev Dvir**, Princeton University

Special Year Research Seminar ✦ *The Erdős-Szekeres Problem in Three (and Higher) Dimensions* ✦ **Cosmin Pohoata**, Member, School of Mathematics

January 25
Special Year Learning Seminar ✦ *Bounds in the Inverse Theorem for the Gowers Norms (for Certain Groups)* ✦ **Frederick Manners**, University of California, San Diego; von Neumann Fellow, School of Mathematics

Emmy Noether Lectures ✦ *The Study of Wave Interactions: Where Beautiful Mathematical Ideas Come Together* ✦ **Gigliola Staffilani**, Massachusetts Institute of Technology

January 26
Emmy Noether Lectures ✦ *The Study of Wave Interactions: Where Beautiful Mathematical Ideas Come Together* ✦ **Gigliola Staffilani**, Massachusetts Institute of Technology

Joint IAS/PU Number Theory Seminar ✦ *Counting Low Degree Number Fields with Almost Prescribed Successive Minima* ✦ **Sameera Vemulapalli**, Princeton University

January 27
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Hyperbolicity of Periodic Points of Hamiltonian Maps* ✦ **Semon Kirillovich Rezchikov**, Veblen Fellow, School of Mathematics

Probability Seminar ✦ *Surface Law and Charge Rigidity for the Coulomb Gas on Z^d* ✦ **Christophe Garban**, University of Lyon

Emmy Noether Lectures ✦ *The Study of Wave Interactions: Where Beautiful Mathematical Ideas Come Together* ✦ **Gigliola Staffilani**, Massachusetts Institute of Technology

January 31
Computer Science/Discrete Mathematics Seminar II ✦ *A Subpolynomial Approximation Algorithm for Graph Crossing Number in Low-Degree Graphs* ✦ **Zihan Tan**, Rutgers, The State University of New Jersey

Special Year Research Seminar ✦ *Non-Rigidity of Horocycle Orbit Closures in Geometrically Infinite Surfaces* ✦ **Or Landesberg**, Yale University

February 1
Mathematical Conversations ✦ *One Curvy Metaphor in Systolic Geometry* ✦ **Alexey Balitskiy**, Member, School of Mathematics

February 2
Joint IAS/PU Number Theory Seminar ✦ *Selmer Averages in Families of Elliptic Curves with Marked Points and Applications* ✦ **Wei Ho**, Visiting Professor, School of Mathematics

February 3
Probability Seminar ✦ *On the Cover Time of Random Walks on Graphs* ✦ and ✦ *Weyl Law in Liouville Quantum Gravity* ✦ **Nathanaël Berestycki**, University of Vienna

Milnor Conjecture Learning Seminar

Special Year Informal Seminar ✦ *Convergence of Ergodic Averages Along the Sequence Ω(n)* ✦ **Kaitlyn Loyd**, Northwestern University

Joint IAS/PU Number Theory Seminar ✦ *Sums of Two Cubes* ✦ **Ari Shnidman**, The Hebrew University of Jerusalem

February 6
Computer Science/Discrete Mathematics Seminar I ✦ *Smooth Coverings of Space* ✦ **Oded Regev**, New York University

Members' Colloquium ✦ *Lefschetz Without Positivity: An Overview* ✦ **Karim Alexander Adiprasito**, The Hebrew University of Jerusalem; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Symplectic Embeddings of Hirzebruch Surfaces* ✦ **Nicole Magill**, Cornell University

Joint IAS/Princeton Arithmetic Geometry Seminar ✦ *Conditional Computability of Rational Points on Hyperbolic Curves* ✦ **Levent Alpoge**, Harvard University

February 7
Computer Science/Discrete Mathematics Seminar II ✦ *Overview and Recent Results in Combinatorial Auctions* ✦ **Matt Weinberg**, Princeton University

Special Year Research Seminar ✦ *Infinite Partial Sumsets in the Primes* ✦ **Terence Tao**, University of California, Los Angeles; Member, School of Mathematics

February 8
Special Year Learning Seminar ✦ *A Useful Lemma about Intersections of Sets and Some Applications* ✦ **Vitaly Bergelson**, Ohio State University; Member, School of Mathematics

Analysis and Mathematical Physics ✦ *On Co-dimension One Stability of the Soliton for the 1D Focusing Cubic Klein-Gordon Equation* ✦ **Wilhelm Schlag**, Yale University

Mathematical Conversations ✦ *Nothing Matters* ✦ **Karim Alexander Adiprasito**, Member, School of Mathematics

February 9
What Is...? ✦ *What is Morse Homology?* ✦ **Shira Tanny**, Member, School of Mathematics

February 10
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Three 20-min Research Talks* ✦ **David White**, North Carolina State University; **Kai Hugtenburg**, University of Edinburgh; **Patricia Dietzsch**, Eidgenössische Technische Hochschule Zürich

Probability Seminar ✦ *On Crossing Probabilities in Critical Random-Cluster Models* ✦ **Eveliina Peltola**, Universität Bonn

Joint IAS/PU Number Theory Seminar ✦ *Regular de Rham Galois Representations in the Completed Cohomology of Modular Curves* ✦ **Lue Pan**, Princeton University

February 13
Special Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Non-standard Contact Structures on Spheres and Applications* ✦ **Agustin Moreno**, Member, School of Mathematics

Computer Science/Discrete Mathematics Seminar I ✦ *Efficient Verification of Computation on Untrusted Platforms* ✦ **Yael Kalai**, Massachusetts Institute of Technology; Microsoft

Members' Colloquium ✦ *Floer Theories and Reeb Dynamics for Contact Manifolds* ✦ **Jo Nelson**, Rice University; Stacy and James Sarvis Founders' Circle Member, School of Mathematics

IAS/Princeton Arithmetic Geometry Seminar ✦ *Integrality of the Betti Moduli Space* ✦ **Johan De Jong**, Columbia University

February 14
Computer Science/Discrete Mathematics Seminar II ✦ *Rainbow Matchings in Hypergraphs* ✦ **Cosmin Pohoata**, Member, School of Mathematics

Special Year Research Seminar ✦ *Incidence Theory and Uniform Distribution in Higher Dimensions* ✦ **Alex Iosevich**, University of Rochester

February 15
Special Year Learning Seminar ✦ *Strong Stationarity and Multiplicative Functions* ✦ **Nikos Frantzikinakis**, Ralph E. and Doris M. Hansmann Member, School of Mathematics

Analysis and Mathematical Physics ✦ *Degenerate Dispersion and Illposedness for Generalized SQG Equations* ✦ **Jee Jeong**, Seoul National University

Mathematical Conversations ✦ *Kahler Space Forms and Symplectomorphisms* ✦ **Julian Chaidez**, Princeton University; Visitor, School of Mathematics

February 16
Joint IAS/PU Number Theory Seminar ✦ *An Euler System for the Symmetric Square of a Modular Form* ✦ **Chris Skinner**, Princeton University

February 17
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Hypersurface Singularities and Spectral Invariant*s ✦ **Yusuke Kawamoto**, Eidgenössische Technische Hochschule Zürich

Probability Seminar ✦ *SLE/GFF Coupling, Zipping Up, and Quantum Length* ✦ and ✦ *The Liouville Conformal Field Theory Quantum Zipper* ✦ **Greg Lawler**, The University of Chicago; **Morris Ang**, Columbia University

February 20
Computer Science/Discrete Mathematics Seminar I ✦ *Induced Subgraphs and Tree Decompositions* ✦ **Maria Chudnovsky**, Princeton University

Joint IAS/Princeton Arithmetic Geometry Seminar ✦ *Diffracting Prismatic Envelopes* ✦ **Arthur Ogus**, University of California, Berkeley

February 21
Computer Science/Discrete Mathematics Seminar II ✦ *From Robust Sublinear Expanders to Additive Number Theory via Rainbow Cycles* ✦ **Matija Bucic**, Veblen Fellow, School of Mathematics

Special Year Research Seminar ✦ *Restriction of Exponential Sums to Hypersurfaces* ✦ **Ciprian Demeter**, Indiana University

February 22
Special Year Learning Seminar ✦ *Automorphic Density Theorems* ✦ **Valentin Blomer**, Universität Bonn

Analysis and Mathematical Physics ✦ *A Tricritical Point in the Blume-Capel Model* ✦ **Trishen Gunaratnam**, University of Geneva

February 23
What Is …? ✦ *What is a Pseudoholomorphic Curve* ✦ **Ipsita Datta**, Member, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Applications of the Relative Trace Formula* ✦ **Valentin Blomer**, Universität Bonn

February 24
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Floer Theory and Framed Cobordisms Between Exact Lagrangian Submanifolds* ✦ **Noah Porcelli**, Imperial College London

Probability Seminar ✦ *High-Dimensional Limit Theorems for Stochastic Gradient Descent: Effective Dynamics and Critical Scaling* ✦ **Gerard Ben Arous**, Courant Institute of Mathematical Sciences, New York University

Milnor Conjecture Learning Seminar ✦ **Akshay Venkatesh**, Robert and Luisa Fernholz Professor, School of Mathematics

February 27
Workshop on Dynamics, Discrete Analysis and Multiplicative Number Theory ✦ *Hardy-Littlewood and Chowla Type Conjectures in the Presence of a Siegel Zero* ✦ **Terence Tao**, Member, School of Mathematics ✦ *The Unipotent Mixing Conjecture* ✦ **Valentin Blomer**, Universität Bonn ✦ *On Random Polynomials and Counting Number Fields: Fourier Analysis Meets Arithmetic Statistics* ✦ **Theresa Anderson**, Carnegie Mellon University

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *From Embedded Contact Homology to Surface Dynamics* ✦ **Jo Nelson**, Rice University; Stacy and James Sarvis Founders' Circle Member, School of Mathematics

February 28
Workshop on Dynamics, Discrete Analysis and Multiplicative Number Theory ✦ *Arbitrarily Slow Decay in the Mobius Disjointness Conjecture* ✦ **Zhiren Wang**, von Neumann Fellow, School of Mathematics ✦ *On a Conjecture of Veech About Möbius Orthogonality* ✦ **Thierry De La Rue**, CNRS-Université de Rouen Normandie ✦ *The Complexity of Multilinear Averages* ✦ **Frederick Manners**, von Neumann Fellow, School of Mathematics

Reading Seminar on Perelman's Stability Theorem

March 1
Workshop on Dynamics, Discrete Analysis and Multiplicative Number Theory ✦ *Thermodynamic Formalism for B-free Dynamical Systems* ✦ **Joana Kulaga Przymus**, Uniwersytet Mikołaja Kopernika ✦ *Distribution of Orbits at Prime and Semi-prime Times* ✦ **Adam Kanigowski**, University of Maryland ✦ *Projection Theorems and Applications* ✦ **Hong Wang**, University of California, Los Angeles

Lecture in History of Mathematics ✦ *What Have We Learned From the Archimedes Palimpsest?* ✦ **William Noel**, Princeton University; **Reviel Netz**, Stanford University

March 2
Workshop on Dynamics, Discrete Analysis and Multiplicative Number Theory ✦ *Infinite Sumsets in Sets with Positive Density* ✦ **Joel Moreira**, University of Warwick; Member, School of Mathematics ✦ *Higher Order Sumsets in Sets of Positive Density* ✦ **Florian K. Richter**, Member, School of Mathematics ✦ *Polynomial Progressions in Topological Fields and Their Applications to Pointwise Convergence Problems* ✦ **Mariusz Mirek**, Rutgers, The State University of New Jersey; Member, School of Mathematics ✦ *Gowers Uniformity of Arithmetic Functions in Short Intervals* ✦ **Joni Teräväinen**, University of Turku; von Neumann Fellow, School of Mathematics

What Is …? ✦ *What is the Homogeneous Space H^2xR* ✦ **Ana Menezes**, Princeton University

Joint IAS/PU Number Theory Seminar ✦ *Fourier Interpolation and the Weil Representation* ✦ **Mathilde Gerbelli-Gauthier**, McGill University

March 3
Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Surfaces of Section, Anosov Reeb Flows, and the C^2-Stability Conjecture for Geodesic Flows* ✦ **Marco Mazzucchelli**, École Normale Supérieure de Lyon

Workshop on Dynamics, Discrete Analysis and Multiplicative Number Theory ✦ *Limit Formulas for Polynomial Ergodic Averages with Commuting Transformations* ✦ **Nikos Frantzikinakis**, Ralph E. and Doris M. Hansmann Member, School of Mathematics ✦ *Asymptotic Total Ergodicity and Polynomial Patterns in Finite Fields* ✦ **Vitaly Bergelson**, Member, School of Mathematics

March 6
Special Year Informal Seminar ✦ *Degree Lowering Along Arithmetic Progressions* ✦ **Borys Kuca**, University of Crete

Computer Science/Discrete Mathematics Seminar I ✦ *Two (More) Algorithms for Set Cover* ✦ **Anupam Gupta**, Carnegie Mellon University

Members' Colloquium ✦ *Existence of Quasigeodesic Anosov Flows in Hyperbolic 3-Manifolds* ✦ **Sergio Fenley**, Florida State University; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *On Bennequin Type Inequality for Symplectic Caps of (S3, ξstd)* ✦ **Anubhav Mukherjee**, Princeton University

Joint IAS/Princeton Arithmetic Geometry Seminar ✦ *p-adic Analogue of Borel's Theorem* ✦ **Ananth Shankar**, University of Wisconsin–Madison

March 7

Computer Science/Discrete Mathematics Seminar II ✦ *Recent Progress in Randomness Extraction* ✦ **Eshan Chattopadhyay**, Cornell University

Special Year Research Seminar ✦ *Homogeneous Structures in Subset Sums and Non-averaging Sets* ✦ **David Conlon**, California Institute of Technology

Reading Seminar on Perelman's Stability Theorem

Special Year Research Seminar ✦ *Some Inverse Theorems in Ergodic Theory and Additive Combinatorics* ✦ **Or Shalom**, Member, School of Mathematics

March 8

Analysis and Mathematical Physics ✦ *The Adjoint Brascamp-Lieb Inequality* ✦ **Terence Tao**, University of California, Los Angeles; Member, School of Mathematics

Mathematical Conversations ✦ *From P vs NP to P vs NSA: A Crash Course in Cryptography* ✦ **Or Zamir**, Visitor, School of Mathematics

March 9

Joint IAS/PU Number Theory Seminar ✦ *Structure and Randomness in the Pro-Nilpotent Tower of Number Fields* ✦ **Carlo Pagano**, Concordia University

March 10

Probability Seminar ✦ *Conformal Blocks of Liouville Conformal Field Theory* ✦ **Remi Rhodes**, Université d'Orsay; **Colin Guillarmou**, Institut de Mathématiques de Marseille

Milnor Conjecture Learning Seminar

Special Year Informal Seminar ✦ *A Non-flag Arithmetic Regularity Lemma and Counting Lemma* ✦ **Daniel Altman**, University of Oxford

March 13

Computer Science/Discrete Mathematics Seminar I ✦ *Why Can't We Classically Describe Quantum Systems?* ✦ **Chinmay Nirkhe**, MIT-IBM Watson AI Lab

Members' Colloquium ✦ *Almost All Collatz Orbits Attain Almost Bounded Values* ✦ **Terence Tao**, University of California, Los Angeles; Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Mean Action and the Calabi Invariant* ✦ **Abror Pirnapasov**, École Normale Supérieure de Lyon

IAS/Princeton Arithmetic Geometry Seminar ✦ *The Riemann-Hilbert Correspondence in Nonarchimedean Geometry* ✦ **Jacob Lurie**, Frank C. and Florence S. Ogg Professor, School of Mathematics

March 14

Special Year Research Seminar ✦ *Geometric Representation of Structured Extensions in Ergodic Theory* ✦ **Henrik Kreidler**, Bergische Universität Wuppertal

March 16

What Is...? ✦ *Canonical Metrics in Kähler Geometry* ✦ **Xi Sisi Shen**, Columbia University

March 17

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Heaviness and Relative Symplectic Cohomology* ✦ **Yuhan Sun**, Rutgers, The State University of New Jersey

Probability Seminar ✦ *Bisectors in Random Plane Geometry* ✦ **Bálint Virág**, University of Toronto ✦ *The Fyodorov-Hiary-Keating Conjecture* ✦ **Paul Bourgade**, New York University

Milnor Conjecture Learning Seminar

March 20

Computer Science/Discrete Mathematics Seminar I ✦ *Strong Bounds for 3-Progressions* ✦ **Raghu Meka**, University of California, Los Angeles; **Zander Kelley**, University of Illinois at Urbana–Champaign

Computer Science/Discrete Mathematics Seminar I ✦ *Extremal Problems for Uniformly Dense Hypergraphs* ✦ **Mathias Schacht**, Universität Hamburg

Members' Colloquium ✦ *Recent Results on Finite Group Lattice Gauge Theories* ✦ **Sky Yang Cao**, Minerva Research Foundation Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Dynamics of Seifert Surfaces of Torus Knots Via ECH* ✦ **Morgan Weiler**, Cornell University

Joint IAS/Princeton Arithmetic Geometry Seminar ✦ *Irrationality of 2-adic zeta Value at 5* ✦ **Yunqing Tang**, University of California, Berkeley

March 21

Computer Science/Discrete Mathematics Seminar II ✦ *Strong Bounds for 3-Progressions: In-Depth* ✦ **Raghu Meka**, University of California, Los Angeles; **Zander Kelley**, University of Illinois at Urbana–Champaign

Special Year Research Seminar ✦ *Unbounded Fast Escaping Wandering Domains* ✦ **Adi Glucksam**, Northwestern University

Reading Seminar on Perelman's Stability Theorem

March 22

Special Year Learning Seminar ✦ *Sets of Multiplicative Recurrence* ✦ **Joel Moreira**, University of Warwick; Member, School of Mathematics

Analysis and Mathematical Physics ✦ *Diffusion and Mixing for Two-dimensional Hamiltonian Flows* ✦ **Michele Coti Zelati**, Imperial College London

March 23

What Is...? ✦ *Wondering About Wandering Domains* ✦ **Adi Glucksam**, Northwestern University

Joint IAS/PU Number Theory Seminar ✦ *The Nonvanishing of Selmer Groups for Certain Symplectic Galois Representations* ✦ **Samuel Mundy**, Princeton University

March 24

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Symplectic Barriers* ✦ **Yaron Ostrover**, Tel Aviv University

Probability Seminar ✦ *A Few Recent Stories About the Gaussian Free Field* ✦ **Juhan Aru**, École Polytechnique Fédérale de Lausanne ✦ *Long Range Order for Three-dimensional Random Field Ising Model* ✦ **Jian Ding**, Peking University

March 27

Marston Morse Lectures ✦ *Connes Embedding Problem, Kirchberg's Conjecture and Tsirelson's Problem* ✦ **Thomas Vidick**, California Institute of Technology

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *A Coproduct Structure on Symplectic Cohomology* ✦ **Lea Kenigsberg**, Columbia University

Joint PU/IAS Arithmetic Geometry ✦ *On the Geometry of p-adic Shimura Varieties* ✦ **Mingjia Zhang**, Universität Bonn

March 28

Computer Science/Discrete Mathematics Seminar II ✦ *The Lens of Abelian Embeddings* ✦ **Dor Minzer**, Massachusetts Institute of Technology

Special Year Research Seminar ✦ *On the Maximum of a Twisted Divisor Function* ✦ **Dimitris Koukoulopoulos**, Université de Montréal

Reading Seminar on Perelman's Stability Theorem

Special Year Research Seminar ✦ *Recognizing Groups in Erdős Geometry and Model Theory* ✦ **Artem Chernikov**, University of California, Los Angeles

March 29

Marston Morse Lectures ✦ *From Nonlocal Games to Undecidability* ✦ **Thomas Vidick**, California Institute of Technology

Mathematical Conversations ✦ *A Constructivist History of Mathematical Physics…with Equations?* ✦ **Andrew Warwick**, Imperial College, London

March 30

What Is…? ✦ *What is Combinatorial Hodge Theory?* ✦ **Johanna Steinmeyer**, University of Copenhagen

Joint IAS/PU Number Theory Seminar ✦ *Integrality of Theta Liftings to a Definite U(2)* ✦ **Yu Sheng Lee**, Columbia University

March 31

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *A Relative Calabi-Yau Structure for Legendrian Contact Homology* ✦ **Georgios Dimitroglou Rizell**, Uppsala University

Marston Morse Lectures ✦ *Efficient Stability for the Weyl-Heisenberg Group* ✦ **Thomas Vidick**, California Institute of Technology

Probability Seminar ✦ *Fractal Properties, Noise-sensitivity and Chaos in Models of Random Geometry* ✦ **Shirshendu Ganguly**, University of California, Berkeley

Milnor Conjecture Learning Seminar

April 3

Computer Science/Discrete Mathematics Seminar I ✦ *Common Linear Patterns Are Rare* ✦ **Nina Kamcev**, University of Zagreb

Members' Colloquium ✦ *Simple Zeros of Modular Form L-Functions* ✦ **Alexandre Perozim De Faveri**, Member, School of Mathematics

Joint IAS/Princeton Arithmetic Geometry Seminar ✦ *Functions on the Commuting Scheme Via Langlands Duality* ✦ **Zhiwei Yun**, Massachusetts Institute of Technology

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Braid Stability for Periodic Orbits of Area-Preserving Surface Diffeomorphisms* ✦ **Michael Hutchings**, University of California, Berkeley

April 4

Computer Science/Discrete Mathematics Seminar II ✦ *Hausdorff Dimension Analogues of the Elekes − Ronyai Theorem and Related Problems* ✦ **Orit Raz**, The Hebrew University of Jerusalem; Visitor, School of Mathematics

Special Year Research Seminar ✦ *Polynomial Ergodic Theorems for Strongly Mixing Commuting Transformations* ✦ **Rigoberto Zelada**, University of Maryland

Reading Seminar on Perelman's Stability Theorem

April 5

Analysis and Mathematical Physics ✦ *Scattering for Nonlinear Wave Equations* ✦ **Hans Lindblad**, Johns Hopkins University; Member, School of Mathematics

April 6

What Is…? ✦ *What is an Inverse Problem?* ✦ **Malena Espanol**, Arizona State University

Joint IAS/PU Number Theory Seminar ✦ *Subconvexity for L-functions on U(n) x U(n+1)* ✦ **Simon Marshall**, University of Wisconsin–Madison

April 7

Probability Seminar ✦ *Conformal Removability of Non-simple Schramm-Loewner Evolutions* ✦ **Konstantinos Kavvadias**, Cambridge University ✦ *Large Deviations for Random Hives and the Spectrum of the Sum of Two Random Matrices* ✦ **Hariharan Narayanan**, Tata Institute of Fundamental Research

Milnor Conjecture Learning Seminar

April 10

Computer Science/Discrete Mathematics Seminar I ✦ *Quantum Error Correction, Systolic Geometry, and Probabilistic Embeddings* ✦ **Elia Portnoy**, Massachusetts Institute of Technology

Members' Colloquium ✦ *Cohomology and Arithmetic of Some Mapping Spaces* ✦ **Oishee Banerjee**, Member, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Two-term Weyl Laws and Homeomorphism Groups of Surfaces* ✦ **Daniel Anthony Cristofaro Gardiner**, University of Maryland

IAS/Princeton Arithmetic Geometry Seminar ✦ *Around Logarithmic Prismatic Chomology* ✦ **Teruhisa Koshikawa**, Research Institute for Mathematical Sciences

April 11

Computer Science/Discrete Mathematics Seminar II ✦ *Updates on the Lipschitz Extension Problem* ✦ **Assaf Naor**, Princeton University

Special Year Research Seminar ✦ *On Elliott's Conjecture and Applications* ✦ **Oleksiy Klurman**, University of Bristol

Reading Seminar on Perelman's Stability Theorem

Special Year Research Seminar ✦ *The Factorial Function and Generalizations, Revisited* ✦ **Jeffrey Lagarias**, University of Michigan

April 12

Analysis and Mathematical Physics ✦ *Generalized Entropy Methods and Stability in Sobolev and Related Inequalities* ✦ **Jean Dolbeault**, Université Paris–Dauphine

Mathematical Conversations ✦ *William Thomson, Oliver Heaviside and the Transatlantic Cable* ✦ **Mark Goresky**, Visitor, School of Mathematics

April 13

Joint IAS/PU Number Theory Seminar ✦ *Arithmetic of Critical p-adic L-functions* ✦ **Kazim Buyukboduk**, University College Dublin

April 14

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Quivers, Flow Trees and Log Curves* ✦ **Pierrick Bousseau**, University of Georgia

Probability Seminar ✦ *Holography of the Loewner Energy* ✦ **Yilin Wang**, Institut des Hautes Études Scientifiques ✦ *Critical Behaviour in Long-Range and Hierarchical Percolation* ✦ **Tom Hutchcroft**, California Institute of Technology

Milnor Conjecture Learning Seminar

April 17

Computer Science/Discrete Mathematics Seminar I ✦ *Unit and Distinct Distances in Typical Norms* ✦ **Noga Alon**, Princeton University

Members' Colloquium ✦ *Classification of Smooth Actions by Higher Rank Lattices in Critical Dimensions* ✦ **Zhiren Wang**, Pennsylvania State University; von Neumann Fellow, School of Mathematics

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *Exotic Contact Structures on $\mathbb{R}^n$* ✦ **Joseph Helfer**, University of Southern California

Joint IAS/Princeton University Arithmetic Geometry Seminar ✦ *An Application of Motivic Stable Homotopy Computations in Classical Theory* ✦ **Hana Jia Kong**, Member, School of Mathematics

April 18

Computer Science/Discrete Mathematics Seminar II ✦ *Existence of Subspace Designs* ✦ **Ashwin Sah**, Massachusetts Institute of Technology

Special Year Research Seminar ✦ *Polynomial Patterns in Finite Fields: A Dynamical Point of View* ✦ **Ethan M. Ackelsberg**, Member, School of Mathematics

Reading Seminar on Perelman's Stability Theorem

April 19

Special Year Learning Seminar ✦ *Algebraic Aspects of Normality and Determinism* ✦ **Tomasz Downarowicz**, Technical University of Wroclaw

April 20

What Is ...? ✦ *What is a D-module?* ✦ **Lizzie Pratt**, University of California, Berkeley

Joint IAS/PU Number Theory Seminar ✦ *Root Number Correlation Bias of Fourier Coefficients of Modular Forms* ✦ **Nina Zubrilina**, Princeton University

April 21

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Three 20-min Research Talks* ✦ **Brayan Ferreira**, Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro; **Roman Krutowski**, University of California, Los Angeles; **Amanda Hirschi**, University of Cambridge

Milnor Conjecture Learning Seminar

Special Number Theory Afternoon ✦ *Counting Irreducible Integral Polynomials with Roots Approximating Configuration of Points* ✦ **Naser Talebizadeh Sardari**, Penn State University

Special Number Theory Afternoon ✦ *Murmurations of Arithmetic L-functions* ✦ **Andrew Sutherland**, Massachusetts Institute of Technology

April 24

Computer Science/Discrete Mathematics Seminar I ✦ *Approximating Iterated Multiplication of Stochastic Matrices in Small Space* ✦ **Dean Doron**, Ben-Gurion University of the Negev

Joint IAS/Princeton University Symplectic Geometry Seminar ✦ *On Lagrangian Quasi-Cobordisms* ✦ **Angela Wu**, Louisiana State University

Joint IAS/Princeton University Arithmetic Geometry Seminar ✦ *A Stacky Perspective on P-adic Non-abelian Hodge Theory* ✦ **Arthur Cesar Le Bras**, Galilee Institute, University of Paris

April 25

Computer Science/Discrete Mathematics Seminar II ✦ *A Unified Approach to Discrepancy Minimization* ✦ **Nikhil Bansal**, University of Michigan

Reading Seminar on Perelman's Stability Theorem

April 26

Analysis and Mathematical Physics ✦ *Global Stability of Kaluza-Klein Spacetimes* ✦ **Zoe Wyatt**, King's College London

April 27

Joint IAS/PU Number Theory Seminar ✦ *Hecke Orbits on Shimura Varieties of Hodge Type* ✦ **Pol Van Hoften**, Stanford University

April 28

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Locally Maximizing Orbits and Rigidity for Convex Billiards* ✦ **Michael Bialy**, Tel Aviv University

May 1

Computer Science/Discrete Mathematics Seminar I ✦ *A Constant Lower Bound for Frankl's Union-Closed Sets Conjecture* ✦ **Justin Gilmer**, Google Brain

Joint IAS/Princeton University Arithmetic Geometry Seminar ✦ *Geometric Eisenstein Series over the Fargues-Fontaine Curve* ✦ **Linus Hamann**, Princeton University

May 2

Computer Science/Discrete Mathematics Seminar II ✦ *Fitting Various Metrics with Minimum Disagreements* ✦ **Euiwoong Lee**, University of Michigan

Special Year Research Seminar ✦ *Pointwise Ergodic Theorems for Nonconventional Polynomial Averages* ✦ **Ben Krause**, King's College London

Reading Seminar on Perelman's Stability Theorem

May 3

Analysis and Mathematical Physics ✦ *The Alt-Phillips Functional for Negative Powers* ✦ **Daniela De Silva**, Columbia University

May 4

What Is ...? ✦ *What is a Feynman Integral?* ✦ **Holmfridur Hannesdottir**, Member, School of Natural Sciences

Joint IAS/PU Number Theory Seminar ✦ *Restricted Arithmetic Quantum Unique Ergodicity* ✦ **Peter Humphries**, University of Virginia

May 5

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Kahler-type and Tame Embeddings of Balls into Symplectic Manifolds* ✦ **Michael Entov**, Technion–Israel Institute of Technology

May 8

Computer Science/Discrete Mathematics Seminar I ✦ *Graph Vertex Expansion* ✦ **Theo McKenzie**, Harvard University

May 9

Computer Science/Discrete Mathematics Seminar II ✦ *Using Expanders for Fast Graph Algorithms* ✦ **Thatchaphol Saranurak**, University of Michigan

Special Year Research Seminar ✦ *Uniform Sets with Few Progressions via Colorings* ✦ **Yufei Zhao**, Massachusetts Institute of Technology

Reading Seminar on Perelman's Stability Theorem

May 11

What Is ...? ✦ *What is Katz-Tao Discretization of Fractals?* ✦ **Orit Raz**, The Hebrew University of Jerusalem; Visitor, School of Mathematics

Joint IAS/PU Number Theory Seminar ✦ *Harris-Venkatesh Plus Stark* ✦ **Robin Zhang**, Columbia University

May 12

Milnor Conjecture Learning Seminar

May 16

Special Year Research Seminar ✦ *Around Gauss Circle Problem: Hardy's Conjecture and the Distribution of Lattice Points Near Circles* ✦ **Igor Wigman**, King's College London

Reading Seminar on Perelman's Stability Theorem

May 17

Analysis and Mathematical Physics ✦ *Resonances as a Computational Tool* ✦ **Katharina Schratz**, Sorbonne Université

May 18

Joint IAS/PU Number Theory Seminar ✦ *Symmetric Power Functoriality For Hilbert Modular Forms* ✦ **Jack Thorne**, University of Cambridge

May 19

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *The Toda Lattice, Billiards and the Viterbo Conjecture* ✦ **Vinicius Gripp Barros Ramos**, Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro; von Neumann Fellow, School of Mathematics

May 21

2023 Program for Women and Mathematics: Patterns in Integers: Dynamical and Number Theoretic Approaches ✦ *Intro to Terng Lecture Course: The Circle Method* ✦ **Rena Chu**, Duke University ✦ *Intro to Uhlenbeck Lecture Course: Ergodic Ramsey Theory* ✦ **Adi Glucksam**, Northwestern University

May 22

2023 Program for Women and Mathematics: Patterns in Integers: Dynamical and Number Theoretic Approaches ✦ *Terng Lecture Course: The Circle Method* ✦ **Lillian B. Pierce**, Duke University ✦ *Terng Lecture Discussion Session* ✦ **Rena Chu**, Duke University ✦ *Uhlenbeck Lecture Course: Ergodic Ramsey Theory* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics ✦ *Uhlenbeck Lecture Discussion*

Session ✦ **Adi Glucksam**, Northwestern University ✦ *The Turán Number of Homeomorphs* ✦ **Maya Sankar**, Stanford University ✦ *Counting Solutions to Diophantine Inequalities in Function Fields* ✦ **Kathryn Wilson**, Kansas State University ✦ *Exponential Sums with Applications in PDEs* ✦ **Rena Chu**, Duke University

May 23

Program for Women and Mathematics: Patterns in Integers: Dynamical and Number Theoretic Approaches ✦ *Terng Lecture Course: The Circle Method* ✦ **Lillian B. Pierce**, Duke University ✦ *Terng Lecture Discussion Session* ✦ **Rena Chu**, Duke University ✦ *Uhlenbeck Lecture Course: Ergodic Ramsey Theory* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics ✦ *Uhlenbeck Lecture Discussion Session* ✦ **Adi Glucksam**, Northwestern University ✦ *Dynamical Properties of the Indicator Sequence of Square-Free Numbers* ✦ **Jessica Liu**, The City College of New York ✦ *Unbounded Fast Escaping Wandering Domains* ✦ **Adi Glucksam**, Northwestern University ✦ *Small Scale Distribution of Primes in Four-term Arithmetic Progressions* ✦ **Katharine Woo**, Princeton University

May 25

2023 Program for Women and Mathematics: Patterns in Integers: Dynamical and Number Theoretic Approaches ✦ *Terng Lecture Course: The Circle Method* ✦ **Lillian B. Pierce**, Duke University ✦ *Terng Lecture Discussion Session* ✦ **Rena Chu**, Duke University ✦ *Uhlenbeck Lecture Course: Ergodic Ramsey Theory* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics ✦ *Uhlenbeck Lecture Discussion Session* ✦ **Adi Glucksam**, Northwestern University

May 26

Program for Women and Mathematics: Patterns in Integers: Dynamical and Number Theoretic Approaches ✦ *Terng Lecture Course: The Circle Method* ✦ **Lillian B. Pierce**, Duke University ✦ *Uhlenbeck Lecture Course: Ergodic Ramsey Theory* ✦ **Tamar Ziegler**, The Hebrew University of Jerusalem; Distinguished Visiting Professor, School of Mathematics ✦ *Arithmetic Patterns in Dense Sets* ✦ **Sarah Peluse**, Veblen Research Instructor, School of Mathematics

Joint IAS/Princeton/Montreal/Paris/Tel Aviv Symplectic Geometry Zoominar ✦ *Local Exotic Tori* ✦ **Joé Brendel**, Tel Aviv University

Milnor Conjecture Learning Seminar

May 30

Special Year Research Seminar ✦ *Measure Doubling for Small Sets in SO(3,R)* ✦ **Yifan Jing**, University of Oxford

Reading Seminar on Perelman's Stability Theorem

June 6

Special Year Research Seminar ✦ *On Dynamics of B-free Systems Generated by Behrend Sets* ✦ **Stanislaw Kasjan**, Nicolaus Copernicus University

June 7

Arithmetic Geometry Seminar ✦ *Some Results and Questions on Sen Operators* ✦ **Lue Pan**, Princeton University

June 9

Milnor Conjecture Learning Seminar ✦ **Toni Mikael Annala**, Member, School of Mathematics

Arithmetic Geometry Seminar ✦ *Arithmetic Minimal Model Program and Applications* ✦ **Jakub Witaszek**, Princeton University

June 12

Arithmetic Geometry Seminar ✦ *Stacky Approach to the Non-Abelian Hodge Theory in Char. p>0 (work in progress)* ✦ **Bogdan Zavyalov**, Member, Institute for Advanced Study

June 19

Conference on 100 Years of Noetherian Rings ✦ *Integrality Properties of Topological Fundamental Groups* ✦ **Hélène Esnault**, Freie Universität Berlin ✦ *Infinite Rank Twisted Sheaves* ✦ **Aise Johan De Jong**, Columbia University ✦ *Species and Dimension Formulas for Period Spaces* ✦ **Annette Huber Klawitter**, University of Freiberg ✦ *Vanishing Theorems in Algebraic Geometry* ✦ **Bhargav Bhatt**, Fernholz Joint Professor, School of Mathematics

June 20

Conference on 100 Years of Noetherian Rings ✦ *Automorphisms of K3 Surfaces and Isometries of Lattices* ✦ **Eva Bayer Fluckiger**, École Polytechnique Fédérale de Lausanne

Conference on 100 Years of Noetherian Rings ✦ *Finite Quotients of 3-manifold Fundamental Groups, and Unramified Extensions of Global Fields* ✦ **Melanie Matchett Wood**, Harvard University ✦ *An Irregular Deligne-Simpson Problem* ✦ **Zhiwei Yun**, Massachusetts Institute of Technology ✦ *Abstract Algebra in Homotopy-Coherent Mathematics* ✦ **Jacob Lurie**, Frank C. and Florence S. Ogg Professor, School of Mathematics

June 21

Conference on 100 Years of Noetherian Rings ✦ *Singularities of Pairs in Positive Characteristic and in Characteristic Zero* ✦ **Shihoko Ishii**, University of Tokyo ✦ *Gale Duality, Blowups and Moduli Spaces* ✦ **Carolina Araujo**, Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro ✦ *The Log Canonical Threshold Revisited* ✦ **James McKernan**, University of California, San Diego

June 22

Conference on 100 Years of Noetherian Rings ✦ *The Geometry of GL-Varieties* ✦ **Jan Draisma**, Universität Bern ✦ *A Formalization Experiment* ✦ **Sophie Morel**, École Normale Supérieure de Lyon ✦ *The Spectrum of Elliptic Calabi-Yau Threefolds* ✦ **Antonella Grassi**, University of Bologna and University of Pennsylvania ✦ *Emmy Noether's Influence on Physics* ✦ **Nima Arkani-Hamed**, Professor, School of Natural Sciences

June 23

Conference on 100 Years of Noetherian Rings ✦ *Matrix Factorizations and Complete Intersection Rings* ✦ **Irena Peeva**, Cornell University ✦ *Integral Points on Curves via Baker's Method and Finite étale Covers* ✦ **Bjorn Poonen**, Massachusetts Institute of Technology

School of Natural Sciences

ASTROPHYSICS

September 6

Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Current and Next Generation Millimeter-wave Surveys* ✦ **Mark Devlin**, University of Pennsylvania

September 8

Institute for Advanced Study Astrophysics Seminar ✦ *Pushing the frontiers of gravitational encounters and collisionless dynamics* ✦ **Uddipan Banik**, Yale University

September 13

Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Origin of the Moon: New Results and Open Issues* ✦ **Robin Canup**, Southwest Research Institute, Boulder, Colorado

September 15

Institute for Advanced Study Astrophysics Seminar ✦ *Genesis, dynamics, and dissipation of turbulent magnetic fields* ✦ **Muni Zhou**, Member, School of Natural Sciences

September 20

Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Brave New World of Numerical Relativity* ✦ **Deirdre Shoemaker**, University of Texas at Austin

September 22

Institute for Advanced Study Astrophysics Seminar ✦ *From Panchromatic Images to Stellar Ages and Beyond* ✦ **Joshua Speagle**, University of Toronto

September 26
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Chern-Simons Gravity and Neutrino Self-Interactions* ✦ **Cyril Creque-Sarbinowski**, Harvard University

September 27
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *A continuous theory for the origin of stellar systems* ✦ **Kaitlin Kratter**, The University of Arizona

September 29
Institute for Advanced Study Astrophysics Seminar ✦ *Count your halos* ✦ **Annika Peter**, The Ohio State University; Member, School of Natural Sciences

October 4
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *In search of universality: towards a statistical mechanics of collisionless plasma* ✦ **Alex Schekochihin**, University of Oxford

October 6
Institute for Advanced Study Astrophysics Seminar ✦ *Fireball in Fast Radio Bursts* ✦ **Kunihito Ioka**, Yukawa Institute for Theoretical Physics, Kyoto University

October 10
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Relativistic effects on galaxy number counts and cosmological observers* ✦ **Barry Ginat**, Technion–Israel Institute of Technology

October 11
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *New Insight into Cosmology and the Galaxy-Halo Connection from Non-Linear Scales* ✦ **Frank van den Bosch**, Yale University

October 13
Institute for Advanced Study Astrophysics Seminar ✦ *Cluster cosmology with an anisotropic boost due to projection effects* ✦ **Tomomi Sunayama**, The University of Arizona

October 17
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Structure formation at the juncture of simulations and perturbation theory* ✦ **Nick Kokron**, Stanford University

October 25
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *The small-scale structure of dark-matter halos* ✦ **Jo Bovy**, University of Toronto

October 27
Institute for Advanced Study Astrophysics Seminar ✦ *Early galaxy formation and its large-scale effects* ✦ **Pratika Dayal**, University of Groningen; Visitor, School of Natural Sciences

November 1
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *The All-Sky Automated Survey for Supernovae (ASAS-SN)* ✦ **Ben Shappee**, Institute for Astronomy, University of Hawaii

November 3
Institute for Advanced Study Astrophysics Seminar ✦ *Polar Disks and Planets Around Eccentric Orbit Binaries* ✦ **Stephen Lubow**, Space Telescope Science Institute, NASA, Baltimore

November 7
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *The reconstructed CMB lensing bispectrum* ✦ **Alba Kalaja**, Van Swinderen Institute, Univeristy of Groningen

November 8
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Physics We Learned with the Event Horizon Telescope* ✦ **Dimitrios Psaltis**, The University of Arizona

November 10
Institute for Advanced Study Astrophysics Seminar ✦ *Newborn super star clusters at Cosmic Noon seen through gravitational lensing* ✦ **Liang Dai**, University of California, Berkeley

November 15
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *First detection of an isolated black hole, and mass measurement of isolated white dwarfs through astrometric microlensing* ✦ **Kailash Sahu**, Space Telescope Science Institute, NASA, Baltimore; Member, School of Natural Sciences

November 17
Institute for Advanced Study Astrophysics Seminar ✦ *Black-hole astronomy as a probe of fundamental physics* ✦ **Aaron Held**, Friedrich–Schiller–Universität Jena, TPI/Princeton University

November 22
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Multiphase and multi-scale AGN feedback processes* ✦ **Dominika Wylezalek**, Universität Heidelberg

November 28
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Tidal deformability from scattering*

and the role of analytic continuation ✦ **Gaston Creci Keinbaum**, Utrecht University ✦ *On the Origin, Progress and Relics of Reionization* ✦ **Heyang Long**, The Ohio State University

November 29
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Discuss vision for Center for Astrophysics | Harvard & Smithsonian (CfA)* ✦ **Lisa Kewley**, Harvard-Smithsonian Center for Astrophysics

December 1
Institute for Advanced Study Astrophysics Seminar ✦ *The fate of the merger remnant in GW170817 and its imprint on the jet structure* ✦ **Ariadna Murguia-Berthier**, University of California, Santa Cruz

December 5
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *New windows into cosmic history* ✦ **Gabriela Sato-Polito**, Johns Hopkins University

December 12
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Towards Optimal Measurement of the Neutrino Mass using Large-Scale Structure* ✦ **Adrian Bayer**, University of California, Berkeley ✦ *Cosmological constraints from the void size function − a new perspective on the rising tensions* ✦ **Sofia Contarini**, Università di Bologna

January 31
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Mixing and Unmixing in Planets* ✦ **Dave Stevenson**, California Institute of Technology

February 2
Institute for Advanced Study Astrophysics Seminar ✦ *Multimessenger View of High-Energy Cosmic Neutrino Sources* ✦ **Kohta Murase**, Pennsylvania State University; J. Robert Oppenheimer Visiting Professor, School of Natural Sciences

February 7
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Particle acceleration in astrophysical, magnetized turbulent plasmas* ✦ **Martin Lemoine**, Institut d'Astrophysique de Paris and CNRS

February 14
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Turbulence in collisionless space plasma: the Big Picture* ✦ **William H. Matthaeus**, University of Delaware

February 15
Special Simons Cosmology Collaboration Seminar ✦ *Instant Folded Strings and Cosmology* ✦ **Nissan Itzhaki**, Tel Aviv University; Member, School of Natural Sciences

February 16
Institute for Advanced Study Astrophysics Seminar ✦ *Our Galaxy in motion: Ripples, ridges and spirals in the Milky Way* ✦ **Jason Hunt**, Flatiron Institute

February 21
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Cosmic ray feedback and magnetic dynamos in galaxy formation* ✦ **Christoph Pfrommer**, Leibniz–Institut für Astrophysik Potsdam

February 23
Institute for Advanced Study Astrophysics Seminar ✦ *Binary Neutron Stars done two ways* ✦ **Tejaswi Nerella**, University of California, Santa Barbara

February 28
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *A Synoptic View of Fast Radio Bursts with CHIME* ✦ **Kiyoshi Masui**, Massachusetts Institute of Technology

March 2
Institute for Advanced Study Astrophysics Seminar ✦ *How do black holes shine: multi-wavelength emission in the high-energy Universe* ✦ **Bart Ripperda**, NASA Hubble Fellow, School of Natural Sciences

March 6
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Aemulus ν: hybrid effective field theory in a w\νCDM parameter space* ✦ **Joe DeRose**, Lawrence Berkeley National Laboratory ✦ *Model agnostic analysis of galaxy redshift surveys* ✦ **Licia Verde**, Institute of Cosmological Sciences (ICC)

March 7
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Feedback and Feeding: The Circumgalactic Medium of Galaxies from Cosmic Noon to the Present Day* ✦ **Gwen Rudie**, Carnegie Observatories, Carnegie Institution for Science

March 10
Institute for Advanced Study Astrophysics Seminar ✦ *Stellar Streams as Probes of Galactic Structure and Dark Matter Halos* ✦ **Tomer Yavetz**, Member, School of Natural Sciences

March 16
Institute for Advanced Study Astrophysics Seminar ✦ *Processes of Stellar Destruction in Galactic Nuclei and Quasi-Periodic X-Ray Eruptions* ✦ **Itai Linial**, Member, School of Natural Sciences

March 21
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Searching for Cosmological Concordance with New Physics in the Dark Sector: Hints and Challenges* ✦ **Colin Hill**, Columbia University

March 23
Institute for Advanced Study Astrophysics Seminar ✦ *Model-Independent Constraints on Dark Matter and Cosmic Neutrino Profiles with Ultra-Precision Astrometry* ✦ **Yu-Dai Tsai**, University of California, Irvine

March 27
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Large scale structure formation in theories with scale dependent linear growth* ✦ **Alejandro Aviles**, Instituto Nacional De Investigaciones Nucleares

March 28
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Sub-Neptune, Super-Earth, or Water World? Exploring the Properties of Small Extrasolar Planets* ✦ **Heather Knutson**, California Institute of Technology

March 30
Institute for Advanced Study Astrophysics Seminar ✦ *Exploring galactic nuclei with tidal disruption events* ✦ **Brenna Mockler**, University of California, Los Angeles; Carnegie Observatories, Carnegie Institution for Science

April 3
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Using graph neural networks to constrain Omega_m — A robust model* ✦ **Natali de Santi**, Harvard-Smithsonian Center for Astrophysics

April 4
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *The build-up of galactic nuclei: how do black holes get there?* ✦ **Nadine Neumayer**, Max-Planck–Institut für Astronomie

April 6
Institute for Advanced Study Astrophysics Seminar ✦ *Weak lensing without shape noise* ✦ **Elisabeth Krause**, The University of Arizona

April 11
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Dwarf Galaxy Archaeology in the Gaia Era* ✦ **Alexander Ji**, The University of Chicago

April 13
Institute for Advanced Study Astrophysics Seminar ✦ *Shapes of non-Gaussianity in warm inflation* ✦ **Mehrdad Mirbabayi**, New York University

April 17
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Cosmology with the IGM and latest results from DESI* ✦ **Satya Goncho A Goncho**, Lawrence Berkeley National Laboratory

April 18
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *Observing stars as they explode: toward a live movie of the sky* ✦ **Avishay Gal-Yam**, Weizmann Institute of Science

April 20
Institute for Advanced Study Astrophysics Seminar ✦ *Our Galaxy in motion: Ripples, ridges and spirals in the Milky Way* ✦ **Jason Hunt**, Flatiron Institute

April 24
Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Testing Gravity with cross-correlations between CMB Lensing and Large-Scale Structure* ✦ **Lukas Wenzl**, Cornell University

April 25
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium ✦ *A Star is Born* ✦ **Nia Imara**, University of California, Santa Cruz

April 27
Institute for Advanced Study Astrophysics Seminar ✦ *The colourful past and dark side of galaxies unveiled through population-dynamics of their stars* ✦ **Glenn van de Ven**, Universität Wien

May 2
Institute for Advanced Study/Princeton University Joint Astrophysics Colloquium and Spitzer Lecture ✦ *Mining the transient sky in the new era of Time Domain Multi-Messenger investigations* ✦ **Raffaella Margutti**, University of California, Berkeley

May 4
Institute for Advanced Study Astrophysics Seminar ✦ *Migration of Low-mass Planets in Dusty Protoplanetary Disks* ✦ **Martin Pessah**, Niels Bohr International Academy; Member, School of Natural Sciences

May 11
Institute for Advanced Study Astrophysics Seminar ✦ *On the Galactic Center black hole and its multiphase environment* ✦ **Elena Murchikova**, Visitor, School of Natural Sciences

May 18
Institute for Advanced Study Astrophysics Seminar ✦ *The cosmology of electron scalars* ✦ **Zach Weiner**, University of Washington

May 25

Institute for Advanced Study Astrophysics Seminar ✦ *From Gaia to LISA: white dwarfs at the centre of the stellar revolution* ✦ **Ilaria Caiazzo**, California Institute of Technology

HIGH ENERGY THEORY

September 7
Physics Group Meeting ✦ *Introductory Meeting*

September 12
CMP/QFT Group Meeting ✦ *Introductory Meeting*

September 13
Amplitudes Group Meeting ✦ *Introductory Meeting*

September 14
Physics Group Meeting ✦ *Infrared Divergences in Quantum Field Theories* ✦ **Holmfridur Hannesdottir**, Member, School of Natural Sciences

September 15
Quantum Aspects of Black Holes Group Meeting ✦ *Introductory Meeting*

September 16
High Energy Theory Seminar ✦ *Non-Invertible Symmetries and their Representations* ✦ **Sahand Seifnashri**, Member, School of Natural Sciences

September 19
CMP/QFT Group Meeting ✦ *Overview of Symmetry Protected Topological (SPT) Phases* ✦ **Shinsei Ryu**, Princeton University

September 20
Amplitudes Group Meeting ✦ *Gravity Amplitudes, W1 + ∞ and Color-Kinematics* ✦ **Alfredo Guevara**, Harvard University

September 21
Physics Group Meeting ✦ *On the Classification of Rational Conformal Field Theories* ✦ **Sunil Mukhi**, Indian Institute of Science Education and Research, Pune; Visitor, School of Natural Sciences

September 23
High Energy Theory Seminar ✦ *Topological Defect Networks for Fracton Phases* ✦ **Abhinav Prem**, Member, School of Natural Sciences

September 26
CMP/QFT Group Meeting ✦ *Non-invertible Symmetries and Connections Between These and TQFTs* ✦ **Sahand Seifnashri**, Member, School of Natural Sciences

September 28
Physics Group Meeting ✦ *Entanglement Witness for Quantum Nature of Gravity* ✦ **Anupam Mazumdar**, University of Groningen; Visitor, Institute for Advanced Study

September 29
Quantum Aspects of Black Holes Group Meeting ✦ *Double-scaled SYK* ✦ **Vladimir Narovlansky**, Princeton University

Amplitudes Group Meeting ✦ *Informal Discussion* ✦ **Nima Arkani-Hamed**, Professor, School of Natural Sciences

October 3
CMP/QFT Group Meeting ✦ *Classification of Non-Hermitian Topological Phases* ✦ **Kohei Kawabata**, Princeton University

High Energy Theory Seminar ✦ *Thermal Squeezeout for Strongly Interacting Dark Matter* ✦ **Tracy Slatyer**, Massachusetts Institute of Technology

October 4
Amplitudes Group Meeting ✦ *Informal Discussion* ✦ **Sebastian Mizera**, Member, School of Natural Sciences

October 7
High Energy Theory Seminar ✦ *An Integrable Road to a Perturbative Plateau* ✦ **Jorrit Kruthoff**, Member, School of Natural Sciences

October 10
CMP/QFT Group Meeting ✦ *Gauging, Discrete Torsion, and Stabilizer Codes* ✦ **Matthew Buican**, Queen Mary University of London; Visitor, School of Natural Sciences

Amplitudes Group Meeting ✦ *Old (and some new) Results on Non-perturbative Scattering Amplitudes* ✦ **Miguel Correia**, CERN

October 12
Physics Group Meeting ✦ *AdS Collider Physics* ✦ **Simon Caron-Huot**, McGill University; Member, School of Natural Sciences

October 13
Quantum Aspects of Black Holes Group Meeting ✦ *Discussion of Firewalls from Wormholes* ✦ **Phil Saad**, Member, School of Natural Sciences

October 17
CMP/QFT Group Meeting ✦ *Gauging Global Symmetries in Discrete Gauge Theories* ✦ **Matthew Buican**, Queen Mary University of London; Visitor, School of Natural Sciences

High Energy Theory Seminar ✦ *Spin-Liquids in Controllable Quantum Matter and non-Abelian Topological Orders from Measurement* ✦ **Ashvin Vishwanath**, Harvard University

October 18
Amplitudes Group Meeting ✦ *Geometry and Algebra of Generalized Cuts* ✦ **Ruth Britto**, Trinity College Dublin; J. Robert Oppenheimer Visiting Professor, School of Natural Sciences

October 19
Physics Group Meeting ✦ *The Off-Shell Sphere Partition Function, Tseytlin's Prescriptions and Black Hole Entropy* ✦ **Amr Ahmad Mohamed Ahmadain**, University of Cambridge

October 20
Quantum Aspects of Black Holes Group Meeting ✦ *From FZZ to ER=/+EPR* ✦ **Nissan Itzhaki**, Tel Aviv University; Member, School of Natural Sciences

Informal Amplitudes Group Meeting ✦ *Veneziano Variations: How Unique are String Amplitudes?* ✦ **Grant Remmen**, University of California, Santa Barbara

October 21
High Energy Theory Seminar ✦ *Quantum Information before the Page Time* ✦ **Jonah Kudler-Flam**, Member, School of Natural Sciences

October 24
CMP/QFT Group Meeting ✦ *Kahler Geometry and 'Vortexability' of the Flat Bands of Magic Angle Graphene* ✦ **Ashvin Vishwanath**, Harvard University

October 25
Amplitudes Group Meeting ✦ *Informal Discussion on High Energy String Scattering* ✦ **Pinaki Banerjee**, Member, School of Natural Sciences

October 26
Physics Group Meeting ✦ *Solvable Models of Quantum Black Holes* ✦ **Gustavo Joaquin Turiaci**, Member, School of Natural Sciences

October 27
Quantum Aspects of Black Holes Group Meeting ✦ *Discussion on Models of Two-Dimensional Black Holes* ✦ **Gustavo Joaquin Turiaci**, Member, School of Natural Sciences

October 31
CMP/QFT Group Meeting ✦ *Fracton Dualities from Subsystem Symmetry Protected Topological States* ✦ **Wilbur Shirley**, Member, School of Natural Sciences

High Energy Theory Seminar ✦ *Numerical Test of Gauge/Gravity Duality in D0-brane Matrix Model* ✦ **Masanori Hanada**, University of Surrey

Amplitudes Group Meeting ✦ *w(1+infinity) in 4D Gravity* ✦ **Elizabeth Himwich**, Harvard University

November 2
Physics Group Meeting ✦ *2-Categories and the Massive 3d A-Model* ✦ **Ahsan Z. Khan**, William D. Loughlin Member, School of Natural Sciences

November 3

Quantum Aspects of Black Holes Group Meeting ✦ *Discussion of Factorization in Chern-Simons Toy Model of Gravity* ✦ **Lorenz Eberhardt**, Marvin L. Goldberger Member, School of Natural Sciences; **Sahand Safnashri**, Member, School of Natural Sciences

November 4

High Energy Theory Seminar ✦ *Partition Functions of Abelian Chern-Simons Theories on Handlebodies* ✦ **Massimo Porrati**, New York University; Member, School of Natural Sciences

November 7

CMP/QFT Group Meeting ✦ *Fracton Dualities from Subsystem Symmetry Protected Topological States (continued)* ✦ **Wilbur Shirley**, Member, School of Natural Sciences

November 9

Physics Group Meeting ✦ *Love Symmetry* ✦ **Mikhail Ivanov**, NASA Einstein Fellow, School of Natural Sciences

November 10

Amplitudes Group Meeting ✦ *The Supersymmetric EFThedron, String Theory and Deformed Monodromy* ✦ **Aidan Herderschee**, University of Michigan

November 11

High Energy Theory Seminar ✦ *Combinatorics of Amplituhedra – Scattering Amplitudes and Triangulations* ✦ **Matteo Parisi**, Member, School of Natural Sciences

November 14

CMP/QFT Group Meeting ✦ *The Simplest 2d Conformal Field Theories* ✦ **Sunil Mukhi**, Indian Institute of Science Education and Research, Pune; Visitor, School of Natural Sciences

November 15

Amplitudes Group Meeting ✦ *Elliptic Bootstrap Program through Schubert Analysis* ✦ **Chi Zhang**, Niels Bohr Institute, University of Copenhagen

November 16

Physics Group Meeting ✦ *Topological Correlators of Supersymmetric Gauge Theories* ✦ **Jan Manschot**, Trinity College Dublin; Member, School of Natural Sciences

Amplitudes Group Meeting ✦ *Supertranslation-Invariant Formulas for the Angular Momentum Radiated in Gravitational Scattering* ✦ **Massimo Porrati**, New York University; Member, School of Natural Sciences

November 17

Quantum Aspects of Black Holes Group Meeting ✦ *Averaging CFT Data and Semiclassical 3D Gravity* ✦ **Scott Collier**, Princeton University

Amplitudes Group Meeting ✦ *Strange Symbol Structures for a Sufficiently Supplemented Sunrise* ✦ **Matt von Hippel**, Niels Bohr Institute, University of Copenhagen

November 18

High Energy Theory Seminar ✦ *Spacetime and Gravity from Quantum Mechanics* ✦ **S. Josephine Suh**, Visitor, School of Natural Sciences

Amplitudes Group Meeting ✦ *Infrared Finite Scattering Theory in QFT and Quantum Gravity* ✦ **Gautam Satishchandran**, Princeton University

November 21

CMP/QFT Group Meeting ✦ *Discussion on Fragile Topological Phases* ✦ **Frank Schindler**, Princeton University

High Energy Theory Seminar ✦ *Non-Invertible Symmetries* ✦ **Sakura Schafer-Nameki**, University of Oxford

November 28

CMP/QFT Group Meeting ✦ *Introduction to Anomalies on the Lattice* ✦ **Nathan Seiberg**, Charles Simonyi Professor, School of Natural Sciences

November 29

Amplitudes Group Meeting ✦ *Towards a Nonperturbative Construction of the S-Matrix* ✦ **Brian Henning**, École Polytechnique Fédérale de Lausanne

November 30

Physics Group Meeting ✦ *Massive Deformations of SCFTs from Quantum Groups* ✦ **Nathan Haouzi**, Roger Dashen Member, School of Natural Sciences

Amplitudes Group Meeting ✦ *Dispersion Relations for Multi-Particle Scattering Amplitudes* ✦ **Simon Caron-Huot**, McGill University; Member, School of Natural Sciences

December 1

Quantum Aspects of Black Holes Group Meeting ✦ *Microstate Counting of AdS Black Hole Entropy* ✦ **Leopoldo Pando Zayas**, University of Michigan; IBM Einstein Fellow, School of Natural Sciences

December 6–7

Workshop on Spacetime and Quantum Information ✦ *Complexity Coarse-Graining in the Black Hole Information Problem* ✦ **Netta Engelhardt**, Massachusetts Institute of Technology ✦ *Cauchy Slice Holography and the Information Paradox* ✦ **Aron Wall**, University of Cambridge ✦ *Causality and Entanglement in Holography: The Connected Wedge Theorem Revisited* ✦ **Jonathan Sorce**, Massachusetts Institute of Technology ✦ *Holographic Measurements and Quantum Teleportation* ✦ **Brian Swingle**, Brandeis University ✦ *Firewalls*

from Wormholes ✦ **Zhenbin Yang**, Stanford University ✦ *Algebra and Geometry from Chords* ✦ **Henry Lin**, Stanford University ✦ *Path Integrals for Chords* ✦ **Ahmed Almheiri**, New York University Abu Dhabi ✦ *Black Hole Microstate Counting from Gravity* ✦ **Gustavo Joaquin Turiaci**, Member, School of Natural Sciences ✦ *Quantum Pseudoentanglement* ✦ **Bill Fefferman**, The University of Chicago ✦ *A Generalized Protocol for Bulk Reconstruction from Generalized Free Fields* ✦ **Tamra Nebabu**, Stanford University ✦ *Discrete Bulk Reconstruction* ✦ **Scott Aaronson**, University of Texas at Austin ✦ *Microstates of the 2d Non-Supersymmetric Black Hole* ✦ **Ronak Soni**, University of Cambridge ✦ *The Boundary Algebras in JT Gravity* ✦ **Geoff Penington**, University of California, Berkeley; Junior Visiting Professor, School of Natural Sciences

December 12

CMP/QFT Group Meeting ✦ *Anomalies on the Lattice* ✦ **Nathan Seiberg**, Charles Simonyi Professor, School of Natural Sciences

High Energy Theory Seminar ✦ *Solving Quantitative Reasoning Problems with Language Models* ✦ **Guy Gur-Ari**, Google

December 13

Amplitudes Group Meeting ✦ *Cutting Cosmological Correlators* ✦ **Harry Goodhew**, University of Cambridge

December 14

Physics Group Meeting ✦ *On the Free-String Spectrum of AdS3/CFT2* ✦ **Alessandro Sfondrini**, Università degli Studi di Padova; Member, School of Natural Sciences

January 19

Quantum Aspects of Black Holes Group Meeting ✦ *Black Holes in M-theory: A Review and Recent Results* ✦ **Jan Manschot**, Trinity College Dublin; Member, School of Natural Sciences

January 23

CMP/QFT Group Meeting ✦ *Topological Phases on Quasicrystals* ✦ **Abhinav Prem**, Member, School of Natural Sciences

January 26

Quantum Aspects of Black Holes Group Meeting ✦ *Algebras and States in JT Gravity* ✦ **Edward Witten**, Professor Emeritus, School of Natural Sciences

January 30

CMP/QFT Group Meeting ✦ *Open Quantum Systems: Techniques and Applications* ✦ **Manas Kulkarni**, Tata Institute of Fundamental Research, International Center for Theoretical Sciences

February 1
Physics Group Meeting ✦ *Algebras and States in JT Gravity: Part II* ✦ **Edward Witten**, Professor Emeritus, School of Natural Sciences

February 2
Quantum Aspects of Black Holes Group Meeting ✦ *Subalgebra-Subregion Duality: Emergence of Space and Time in Holography* ✦ **Samuel A. Leutheusser**, Princeton University

February 3
High Energy Theory Seminar ✦ *Estimating Global Charge Violating Amplitudes from Wormholes* ✦ **Yiming Chen**, Princeton University

February 6
CMP/QFT Group Meeting ✦ *Monotonicity Theorems from the Quantum Information Perspective and Prospects for Symmetry Enriched Versions* ✦ **Jonah Kudler-Flam**, Member, School of Natural Sciences

February 7
Amplitudes Group Meeting ✦ *D-module Techniques in the Context of Feynman Integrals* ✦ **Elizabeth Pratt**, University of California, Berkeley

February 8
Physics Group Meeting ✦ *Swampland Program, Extra Dimensions and Supersymmetry Breaking* ✦ **Ignatios Antoniadis**, Laboratoire de Physique Théorique et Haute Energies, CNRS, Sorbonne Université; Member, School of Natural Sciences

February 9
Quantum Aspects of Black Holes Group Meeting ✦ *The Power of Lorentzian Wormholes* ✦ **Jorrit Kruthoff**, Member, School of Natural Sciences

February 13–17
Workshop on String Amplitudes at Finite α' ✦ *Towards Higher Multiplicity Two-Loop String Amplitude*s ✦ **Eric D'Hoker**, University of California, Los Angeles ✦ *Scattering of Short Strings from Long Strings and D1-branes* ✦ **Silviu Pufu**, Princeton University ✦ *Finite α' at High Energy* ✦ **Gabriele Veneziano**, CERN ✦ *Function Spaces for Superstring Loop Amplitudes* ✦ **Oliver Schlotterer**, Uppsala University ✦ *D=5 Holomorphic Chern-Simons and the Pure Spinor Superstring* ✦ **Nathan Berkovits**, ICTP Sao Paulo ✦ *String Monodromy and Double-Copy Bootstrap from Low Energy Effective Field Theory* ✦ **Henriette Elvang**, University of Michigan ✦ *Bootstrapping F-Theory Amplitudes at Small and Finite α'* ✦ **Shai Chester**, Weizmann Institute of Science ✦ *Contour Shenanigans for String Amplitudes* ✦ **Lorenz Eberhardt**, Marvin L. Goldberger Member, School of Natural Sciences ✦ *Loops in AdS: Regularisation, Analytic Evaluations and CFT Dual* ✦ **Pierre Vanhove**, Institut de Physique Théorique,

Saclay ✦ *D-Instanton Effects in Type IIB String Theory* ✦ **Minjae Cho**, Princeton University ✦ *A Two-Dimensional String Cosmology* ✦ **Victor Rodriguez**, Princeton University ✦ *Superstring Loop Amplitudes from the Field Theory Limit: 3 Loops* ✦ **Yvonne Geyer**, Chulalongkorn University, Bangkok ✦ *From Field Theory to the Superstring at One Loop* ✦ **Ricardo Monteiro**, Queen Mary University, London ✦ *Geometry at Strong Coupling for Strings, Amplitudes & Wilson Loops* ✦ **Lionel Mason**, Oxford University ✦ *A Supposedly Fun Computation I'll Never Do Again: Surfacehedra and Beyond* ✦ **Giulio Salvatori**, Max-Planck-Gesellschaft ✦ *Nonperturbative S-matrices from Dispersive Iterations* ✦ **Piotr Tourkine**, LAPTh Annecy ✦ *String Theory Scattering Amplitude at Finite g. Or not.* ✦ **Pedro Vieira**, Perimeter Institute/ICTP Sao Paulo

February 13
High Energy Theory Seminar ✦ *D-instanton Amplitudes in String Theory* ✦ **Ashoke Sen**, Harish-Chandra Research Institute, India

February 15
Physics Group Meeting ✦ *AdS Virasoro-Shapiro from Single-Valued Periods* ✦ **Luis Fernando Alday**, University of Oxford

February 17
High Energy Theory Seminar ✦ *Stringy Completions of the Standard Model from the Bottom Up* ✦ **Aaron Hillman**, Princeton University

February 21
Amplitudes Group Meeting ✦ *Twisted Cohomology and Likelihood Ideals* ✦ **Simon Telen**, Centrum Wiskunde & Informatica; Max Planck Institute for Mathematics in the Sciences, Leipzig

February 22
CMP/QFT Group Meeting ✦ *Computation of Crystalline Topological Invariants from Lattice Defects* ✦ **Naren Manjunath**, University of Maryland

Physics Group Meeting ✦ *A Probabilistic Approach to Liouville CFT* ✦ **Guillaume Remy**, Member, School of Mathematics

February 23
Special High Energy Theory Seminar ✦ *Isometric Evolution in de Sitter Quantum Gravity* ✦ **Jordan Cotler**, Harvard University

March 1
Physics Group Meeting ✦ *Rozansky-Witten Models as Extended Defect TQFTs* ✦ **Daniel Roggenkamp**, Universität Mannheim; Member, School of Natural Sciences

March 7
Amplitudes Group Meeting ✦ *Celestial Liouville Theory* ✦ **Tomasz Taylor**, Northeastern University

March 8
Physics Group Meeting ✦ *Dynamics of Bubble Walls* ✦ **Isabel Garcia Garcia**, New York University; Member, School of Natural Sciences

March 13
High Energy Theory Seminar ✦ *Exponentially Small Cosmological Constants in String Theory* ✦ **Manki Kim**, Massachusetts Institute of Technology

March 14
Amplitudes Group Meeting ✦ *Physics of the Analytic S-Matrix* ✦ **Sebastian Mizera**, Member, School of Natural Sciences

March 16
Quantum Aspects of Black Holes Group Meeting ✦ *The Information-Disturbance Tradeoff and Horizons as Eavesdroppers* ✦ **Jonah Kudler-Flam**, Member, School of Natural Sciences

March 17
High Energy Theory Seminar ✦ *When Light Strings Don't Look Like Particles* ✦ **Nissan Itzhaki**, Tel Aviv University; Member, School of Natural Sciences

March 21
Amplitudes Group Meeting ✦ *Physics of the Analytic S-Matrix—Part 2* ✦ **Sebastian Mizera**, Member, School of Natural Sciences

March 23
IAS Special High Energy Theory Seminar ✦ *Bulk Reconstruction from Generalized Free Fields* ✦ **Xiaoliang Qi**, Stanford University

March 24
High Energy Theory Seminar ✦ *Close Encounters of the Wormhole Kind* ✦ **Phil Saad**, Member, School of Natural Sciences

March 28
Amplitudes Group Meeting ✦ *The Physics Potential at a Future Muon Collider & Demonstrator Facilities* ✦ **Cari Cesarotti**, Massachusetts Institute of Technology

March 29
Physics Group Meeting ✦ *Anomalous Dissipation and Flows of Rough Vector Fields* ✦ **Camillo De Lellis**, IBM von Neumann Professor, School of Mathematics

April 3
CMP/QFT Group Meeting ✦ *Localization and Dynamics in the Quantum Breakdown Model* ✦ **Biao Lian**, Princeton University

April 4
Amplitudes Group Meeting ✦ *Physics of the Analytic S-Matrix—Part 3* ✦ **Sebastian Mizera**, Member, School of Natural Sciences

April 5

Physics Group Meeting ✦ *Testing Fundamental Physics with the Event Horizon Telescope* ✦ **Lia Medeiros**, AMIAS Member, School of Natural Sciences

April 6

Quantum Aspects of Black Holes Group Meeting ✦ *AdS4 Black Holes, Microstate Counting and Black Holes Bound States* ✦ **Chiara Toldo**, Harvard University

April 7

High Energy Theory Seminar ✦ *Symmetries and Anomalies in the Continuum and on the Lattice* ✦ **Nathan Seiberg**, Charles Simonyi Professor, School of Natural Sciences

April 10

High Energy Theory Seminar ✦ *Higher Symmetry in Particle Physics* ✦ **Clay Cordova**, The University of Chicago

April 11

Amplitudes Group Meeting ✦ *Jet Substructure with Energy Correlators* ✦ **Bianka Mecaj**, Yale University

April 12

Physics Group Meeting ✦ *Crossing Between Observables* ✦ **Holmfridur Hannesdottir**, Member, School of Natural Sciences

April 18

Amplitudes Group Meeting ✦ *Feynman Symmetries of the Martin and c2 Invariants of Regular Graphs* ✦ **Erik Panzer**, University of Oxford

April 19

CMP/QFT Group Meeting ✦ *Tkachenko Mode as a Noncommutative Nambu-Goldstone Boson* ✦ **Dam Thanh Son**, The University of Chicago

Special High Energy Theory Seminar ✦ *The Tameness of Quantum Field Theories* ✦ **Michael Douglas**, CMSA, Harvard University; **Thomas Grimm**, Utrecht University

April 20

Informal Seminar on Machine Learning for Theoretical Physicists ✦ *Large Language Models* ✦ **Michael Douglas**, CMSA, Harvard University

April 21

High Energy Theory Seminar ✦ *Conformal Measure Spaces* ✦ **Dalimil Mazac**, Founders' Circle Member, School of Natural Sciences

High Energy Theory Seminar ✦ *Toward Random Tensor Networks and Holographic Codes in CFT* ✦ **Thomas Hartman**, Cornell University

April 25

Amplitudes Group Meeting ✦ *Physics of the Analytic S-Matrix—Part 4* ✦ **Sebastian Mizera**, Member, School of Natural Sciences

May 2

Amplitudes Group Meeting ✦ *Machine Learning for Scattering Amplitudes* ✦ **Matthew Schwartz**, Harvard University

May 3

Physics Group Meeting ✦ *Remarks on T Tbar Deformed CFT on Rindler Space and the Black Hole S-matrix* ✦ **Herman Verlinde**, Princeton University

May 4

Quantum Aspects of Black Holes Group Meeting ✦ *The Spectral Form Factor: From Hydrodynamics to the Riemann Zeta Function* ✦ **Michael Winer**, University of Maryland

May 5

High Energy Theory Seminar ✦ *Supersymmetric Black Holes, Defects, and Phase Transitions* ✦ **Matthew Heydeman**, Member, School of Natural Sciences

May 8

High Energy Theory Seminar ✦ *The Cosmic Neutrino Background (CvB): Its Distribution on the Surface of the Earth and its Manipulation by Laboratory-Scale Diffraction Gratings* ✦ **Savas Dimopoulos**, Stanford University

May 9

Amplitudes Group Meeting ✦ *Feynman Integrals for Five-Point One-Mass Scattering Processes at Two Loops* ✦ **Samuel Abreu**, CERN

May 10

Physics Group Meeting ✦ *Soft Theorem in Gravity from Soft-Collinear Effective Field Theory* ✦ **Robert Szafron**, Brookhaven National Laboratory

May 15

High Energy Theory Seminar ✦ *The Sum-of-Squares for Fermionic Systems, and the SYK Model* ✦ **Matthew Hastings**, Microsoft

May 16

Amplitudes Group Meeting ✦ *Traintracks All the Way Down* ✦ **Andrew McLeod**, CERN

May 17

Physics Group Meeting ✦ *The Hilbert Space and Holography of Information in de Sitter Quantum Gravity* ✦ **Suvrat Raju**, International Center for Theoretical Sciences, Bangalore

May 19

High Energy Theory Seminar ✦ *Random Matrix Universality for Black Holes in Supergravity* ✦ **Gustavo Joaquin Turiaci**, Member, School of Natural Sciences

May 25

Quantum Aspects of Black Holes Group Meeting ✦ *Holography for de Sitter* ✦ **Kostas Skenderis**, University of Southampton

May 31

CMP/QFT Group Meeting ✦ *Instanton Operator in Lattice QCD from Higher Anafunctor* ✦ **Jing-Yuan Chen**, Tsinghua University

June 2

High Energy Theory Seminar ✦ *Saturons and Their Role as Dark Matter* ✦ **Gia Dvali**, Max-Planck-Institute for Physics

June 16

High Energy Theory Seminar ✦ *Supersymmetric Black Holes and Deformation* ✦ **Swapnamay Mondal**, Trinity College Dublin

July 10–21

Prospects in Theoretical Physics 2023—Understanding Confinement ✦ *The Power of Symmetry* ✦ **Nathan Seiberg**, Charles Simonyi Professor, School of Natural Sciences ✦ *Lattice Gauge Theory and Confinement—An Introduction* ✦ **Michael Teper**, Oxford University ✦ *Adiabatic Continuity, Compactification, and Confinement* ✦ **Mithat Ünsal**, North Carolina State University ✦ *Fifty Years of Quantum Chromodynamics (The Theory of the Strong Nuclear Force)* ✦ **David Gross**, Kavli Institute for Theoretical Physics, University of California, Santa Barbara ✦ *Lattice Field Theories with Fermions—Part 1, Part 2; Machine Learning and Theory Calculations* ✦ **Phiala Shanahan**, Massachusetts Institute of Technology ✦ *Some Milestones in the Study of Confinement* ✦ **Edward Witten**, Professor Emeritus, School of Natural Sciences ✦ *Gauge Theories at Strong Coupling and the Gauge/Gravity Duality* ✦ **Silviu Pufu**, Princeton University ✦ *The Schrodinger Representation and 3d Gauge Theories* ✦ **V. Parameswaran Nair**, The City College of New York ✦ *Tensor Networks for Lattice Models* ✦ **Grigory Tarnopolsky**, Carnegie Mellon University ✦ *Confinement from Conifold* ✦ **Igor Klebanov**, Princeton University ✦ *Infrared Dynamics of Gauge Theories* ✦ **Jaume Gomis**, Perimeter Institute for Theoretical Physics ✦ *Confining Strings* ✦ **Sergei Dubovsky**, New York University ✦ *S-Matrix Bootstrap for Confining Gauge Theories* ✦ **João Penedones**, École Polytechnique Fédérale de Lausanne ✦ *Exact Results in Supersymmetry: Why Supersymmetric Theories Can Achieve what Other Quantum Field Theories Cannot* ✦ **Mikhail Shifman**, University of Minnesota

August 23

Special High Energy Theory Seminar ✦ *Observers and Observations in de Sitter Space* ✦ **Leonard Susskind**, Stanford University

SIMONS CENTER FOR SYSTEMS BIOLOGY

September 28
Biology Seminar ✦ *Agroecology* ✦ **Stephen Gliessman**, University of California, Santa Cruz

October 14
Biology Seminar ✦ **Sebastian Seung**, Princeton University

Biology Seminar ✦ *Neural Structure, Function, and Dynamics in C. Elegan*s ✦ **Andrew Leifer**, Princeton University

October 17
Biology Seminar ✦ *Element Circulation and Homeostasis in Plants* ✦ **Ute Kraemer**, Ruhr–Universität Bochum

October 19
Biology Seminar ✦ *Ecosystem Dynamics* ✦ **Stefano Manzoni**, Stockholm University

November 10
Biology Seminar ✦ *Ecology of the Rhizosphere* ✦ **Yakov Kuzyakov**, Georg-August-Universität Göttingen

November 16
Biology Seminar ✦ *Nitrogen and Carbon Cycles* ✦ **Marie Spohn**, Sveriges Lantbruksuniversitet, Sweden

November 21
Biology Seminar ✦ *What are the Chief Causes of Forgetting?* ✦ **Richard Shiffrin**, Indiana University

December 13
Biology Seminar ✦ *A Biophysically Based Parametrization of the Hodgkin-Huxley Model* ✦ **Shimom Marom**, Technion–Israel Institute of Technology

December 16
Biology Seminar ✦ *An Informal Talk on the Theory of Optimal Transport and its Possible Applications in Biology* ✦ **Yu-Chen Cheng**, Institute of Biology and Anatomy, National Defense Medical Center, Taipei

December 19
Biology Seminar ✦ *Modern Hopfield Networks* ✦ **Dimitry Krotov**, MIT-IBM Watson AI Lab

December 20
Biology Seminar ✦ *Odd Elasticity, Electrophysiology and Other Topics* ✦ **Colin Scheibner**, The University of Chicago

December 22
Biology Seminar ✦ *Statistical Physics of Physiological Signals* ✦ **Alexandre Guillet**, Université Bordeaux I

January 17
Biology Seminar ✦ *Microbial Ecology and Evolution* ✦ **Seppe Kuehn**, The University of Chicago

January 30
Biology Seminar ✦ *Statistical Analysis of Genomic Data and its Mutational Paths* ✦ **Eugenio Mauri**, École Normale Supérieure, Paris

January 31
Biology Seminar ✦ *Development of Skin Cells* ✦ **Karl H. Palmquist**, The Rockefeller University

February 14
Biology Seminar ✦ *Plant physiology, Carbon Cycle and Climate Change* ✦ **Josep Penuelas**, Universitat Autònoma de Barcelona

February 28
Biology Seminar ✦ *Identifying Mechanisms of Cognitive Computations from Spikes* ✦ **Tatiana Engel**, Princeton Neuroscience Institute

March 16
Biology Seminar ✦ *Modeling Cancer Cells* ✦ **Omni Barak**, Technion–Israel Institute of Technology

April 5
Biology Seminar ✦ *A Neuron as a Direct Data-Driven Controller (DD-DC)* ✦ **Mitya Chklovskii**, Flatiron Institute

April 6
Biology Seminar ✦ *Algorithmic Identification of Regulation in Biological Systems* ✦ **Aseel Shomar**, Technion–Israel Institute of Technology

Biology Seminar ✦ **Braden Brinkman**, Stony Brook University

April 26
Biology Seminar ✦ **Nachum Ulanovsky**, Weizmann Institute of Science

April 27
Biology Seminar ✦ *The Mathematics of Navigation in Physical and Mental Space: How the Brain Performs Spatial Inference and Reasoning* ✦ **Ila Fiete**, Massachusetts Institute of Technology

April 28
Biology Seminar ✦ *The Emergence of Complex Structure from Simple Precursors: Neural Maps, Hierarchies, and Modularity* ✦ **Ila Fiete**, Massachusetts Institute of Technology

May 10
Biology Seminar ✦ *The Representational Geometry of Abstraction* ✦ **Stefano Fusi**, Columbia University; **Sandro Romani**, Howard Hughes Medical Institute, Janelia

School of Social Science

September 23
Social Science Introductory Session

September 26
Social Science Seminar ✦ *Rethinking Politics and Freedom in the (Late) Anthropocene* ✦ **Wendy Brown**, UPS Professor, School of Social Science

September 27
Writing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science ✦ *Works in progress* ✦ by **Lorenzo Alunni**, École des Hautes Études en Sciences Sociales, Paris; Wolfensohn Family Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science

Climate Crisis Politics Theme Seminar ✦ Initial Meeting

September 29
Social Science Welcome Reception

October 3
Social Science Seminar ✦ *The Struggle That Remains: Between World and International* ✦ **Samera Esmeir**, University of California, Berkeley; Member, School of Social Science

October 10
Social Science Seminar ✦ *Historical Thinking and Transitional Justice: Perspectives from Colombia* ✦ **Catalina Muñoz**, Universidad de los Andes; Member, School of Social Science

October 11
Writing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science ✦ Works in progress by **Saygun Gökarıksel**, Bosphorous University; Member, School of Social Science; **Jennifer Lee**, Columbia University; Robbert Dijkgraaf Member, School of Social Science

Climate Crisis Politics Theme Seminar ✦ *Infrastructures Work on Time* ✦ **Timothy Mitchell**, Columbia University; Distinguished Visiting Professor, School of Social Science

October 17
Social Science Seminar ✦ *Homesteading and the American Dream* ✦ **K-Sue Park**, Georgetown University; Roger W. Ferguson, Jr., and Annette L. Nazareth Member, School of Social Science

October 24
Social Science Seminar ✦ *Urbanizing Climate Justice* ✦ **Kian Goh**, University of California, Los Angeles; Member, School of Social Science

October 25

Writing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science ✦ *Work in progress* ✦ **Samera Esmeir**, University of California, Berkeley; Member, School of Social Science

Climate Crisis Politics Theme Seminar ✦ *Fossil Modernity, No Such Thing as a Free Gift* ✦ **Andreas Folkers**, Justus-Liebig University Gießen; Member, School of Social Science; **Alyssa Battistoni**, Barnard College; Member, School of Social Science

October 31

Social Science Seminar ✦ *The Judge and the Ethnographer: Recounting a Police Killing and Revisiting its Dismissal* ✦ **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science

Climate Fiction Group ✦ *Kim Stanley Robinson's The Ministry for the Future* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

November 7

Social Science Seminar ✦ *Moral Autopsy: A Critical Anthropology of Reckoning with the Communist Past in the European East* ✦ **Saygun Gökarıksel**, Bosphorus University; Member, School of Social Science

November 8

Writing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science ✦ *Works in progress* ✦ by **Minhua Ling**, Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

Climate Crisis Politics Theme Seminar ✦ *The Ethics of Extinction* ✦ **Lynne Huffer**, Emory University; Member, School of Social Science

November 14

Social Science Seminar ✦ *Power and Light: Public Lands and the Energy Transition* ✦ **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

November 21

Social Science Seminar ✦ *Plot* ✦ **J.T. Roane**, Rutgers, The State University of New Jersey; Member, School of Social Science

Climate Crisis Politics Theme Seminar ✦ *Waiting in Petro-Time* ✦ **Heather Davis**, The New School; Member, School of Social Science

November 22

Writing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science ✦ *Works in progress* ✦ **Heba Gowayed**, Boston University; Member, School of Social Science; **Sara Pursley**, New York University; Member, School of Social Science

November 28

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

November 29

Social Science Seminar ✦ *The Complacency of the Chinese Dream: Mobility and Citizenship in Fraction* ✦ **Minhua Ling**, Member, School of Social Science

Climate Fiction Group ✦ *Pitchaya Sudbanthad's Bangkok Wakes to Rain and Donna Haraway's letter to Latour in Critical Zones* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

December 5

Social Science Seminar ✦ *Inhuman Time: The Ethics of Extinction in the Anthropocene* ✦ **Lynne Huffer**, Emory University; Member, School of Social Science

December 6

Climate Crisis Politics Theme Seminar ✦ *Space of Expedience, Horizon of Experimentation* ✦ **Stefan Eich**, Georgetown University; Richard B. Fisher Member, School of Social Science

December 12

Social Science Seminar ✦ *Odysseus' Scars: Bodies and Borders in the Mediterranean* ✦ **Lorenzo Alunni**, École des Hautes Études en Sciences Sociales, Paris; Wolfensohn Family Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

January 23

Social Science Seminar ✦ *The Future of Growth* ✦ **Timothy Mitchell**, Columbia University; Distinguished Visiting Professor, School of Social Science

January 24

Climate Crisis Politics Theme Seminar ✦ *Addressing Loss and Damage: The Unanswered Call for Climate Reparations* ✦ **Julia Dehm**, La Trobe University, Melbourne; Member, School of Social Science

January 30

Social Science Seminar ✦ *The Cost of Borders* ✦ **Heba Gowayed**, Boston University; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

February 6

Social Science Seminar ✦ *Freedom without the Free Gift: Beyond Necessity* ✦ **Alyssa Battistoni**, Barnard College; Member, School of Social Science

February 7

Climate Crisis Politics Theme Seminar ✦ *Never on Time: Climate Change and its Third World Problem* ✦ **Maira Hayat**, University of Notre Dame; Member, School of Social Science

Climate Fiction Group ✦ *Chen Quifan's Waste Tide and Amitav Ghosh's The Great Derangement* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

February 13

Social Science Seminar ✦ *Reclaiming Narratives of Asian Americans: Immigration, Discrimination, and Affirmative Action* ✦ **Jennifer Lee**, Columbia University; Robbert Dijkgraaf Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

February 21

Social Science Seminar ✦ *The Price of Democratic Time: Keynes, Credit, and Carbon* ✦ **Stefan Eich**, Georgetown University; Richard B. Fisher Member, School of Social Science

February 22

Climate Cinema Film Series ✦ *Sherni* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

February 27

Social Science Seminar ✦ *The Fungible Coast? California Wildlife Conservation in the Space of Empire* ✦ **Christina Dunbar-Hester**, University of Southern California; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

February 28
Climate Crisis Politics Theme Seminar ✦ *Crooked Cats: Beastly Encounters in the Anthropocene, intro and conclusion* ✦ **Nayanika Mathur**, University of Oxford; Member, School of Social Science

March 6
Social Science Seminar ✦ *Beastly Tales from the Indian Himalaya: an Anthropology for the Anthropocene* ✦ **Nayanika Mathur**, University of Oxford; Member, School of Social Science

March 7
Climate Crisis Politics Theme Seminar ✦ *Planet at the End of the City, Infrastructure of Modernity, Out in Space* ✦ **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Kian Goh**, University of California, Los Angeles; Member, School of Social Science

Climate Fiction Group ✦ *Marge Piercy's Woman on the Edge of Time* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

Climate Cinema Film Series ✦ *The Hottest August (Brett Story, 2019)* ✦ Discussion with filmmaker, Brett Story ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

March 13
Social Science Seminar ✦ *The Material Foundation of Authority: Bureaucracy and Water* ✦ **Maira Hayat**, University of Notre Dame; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

March 20
Social Science Seminar ✦ *Petro-time: On the Temporal Politics of Climate Change* ✦ **Heather Davis**, The New School; Member, School of Social Science

March 21
Climate Crisis Politics Theme Seminar ✦ *Green Extractivism and the Climate Crisis* ✦ **Philippe Le Billon**, University of British Columbia; Member, School of Social Science

Climate Cinema Film Series ✦ *Woman at War (Benedikt Erlingsson, 2018)* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

March 27
Social Science Seminar ✦ *Green Extractivism and the Climate Crisis* ✦ **Philippe Le Billon**, University of British Columbia; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

March 28
Special Climate Crisis Politics Theme Seminar with **Anna Tsing**, University of California, Santa Cruz

Public Policy Lecture ✦ *Patchy Anthropocene: The Feral Impacts of Infrastructure* ✦ **Anna Tsing**, University of California, Santa Cruz

March 29
Special Seminar ✦ *Patchy Anthropocene: The Feral Impacts of Infrastructure* ✦ **Anna Tsing**, University of California, Santa Cruz

April 3
Social Science Seminar ✦ *Power Made Concrete: The Labor Politics of Decarbonization* ✦ **Natasha Iskander**, New York University; Friends of the Institute for Advanced Study Member, School of Social Science

April 10
Social Science Seminar ✦ *The Enclosure of Iraq: Insurgency, Territory, Law* ✦ **Sara Pursley**, New York University; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

April 11
Climate Crisis Politics Theme Seminar ✦ *Oil Lives Matter, Knowledge infrastructure and research agendas for quotidian Anthropocenes,* and *Toward Degrowth* ✦ **Christina Dunbar-Hester**, University of Southern California; Member, School of Social Science

Climate Fiction Group ✦ *Claire Vaye Watkins' Gold Fame Citrus* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

Climate Cinema Film Series ✦ *Night Moves (Kelly Reichardt, 2013)* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

April 17
Social Science Seminar ✦ *Fossil modernity. A natural history of the present* ✦ **Andreas Folkers**, Justus–Liebig University Gießen; Member, School of Social Science

April 24
Social Science Seminar ✦ *Accounting for Carbon: Targets, Inventories and Risks* ✦ **Julia Dehm**, La Trobe University, Melbourne; Member, School of Social Science

Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

April 25
Climate Crisis Politics Theme Seminar ✦ *St. Croix* ✦ **David Bond**, Bennington College; Visitor, School of Social Science

May 1
Social Science Seminar ✦ *The Predictability Conjecture* ✦ **Matthew Salganik**, Princeton University; Infosys Member, School of Social Science

May 2
Climate Crisis Politics Theme Seminar ✦ *Boomtown: A solar land rush in the West* ✦ **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science ✦ *Reconfiguring Environmental Governance in the Green Economy* ✦ **Julia Dehm**, La Trobe University, Melbourne; Member, School of Social Science

May 8
Experimental Writing Group ✦ Organized by **Lynne Huffer**, Emory University; Member, School of Social Science

May 9
Climate Cinema Film Series ✦ *White Noise (Noah Baumbach, 2022)* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

May 23
Climate Cinema Film Series ✦ *All That Breathes (Shaunak Sen, 2022)* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

Climate Fiction Group ✦ *TC Boyle's Blue Skies* ✦ Organized by **Hillary Angelo**, University of California, Santa Cruz; Member, School of Social Science; **Maira Hayat**, University of Notre Dame; Member, School of Social Science; **Nayanika Mathur**, University of Oxford; Member, School of Social Science

May 25
Book workshop ✦ Organized by **Maira Hayat**, University of Notre Dame; Member, School of Social Science

June 13
Climate Cinema Film Series ✦ *How To Blow Up a Pipeline (Daniel Goldhaber, 2023)* ✦ Organized by **Alyssa Battistoni**, Barnard College; Member, School of Social Science

Digital Scholarship Conversations @IAS

October 13
The Author's Voice: *The Perils and Joys of writing on the Arabs before Islam* ✦ **Ayad Al-Ani**, Einstein Centre Digital Future, Berlin, and Stellenbosch University ✦ Hosted by **Sabine Schmidtke**, Professor, School of Historical Studies; **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; Editor-in-Chief, Gorgias Press; in cooperation with **Angelos Chaniotis**, Professor, School of Historical Studies

October 25
Digital Scholarship Conversations @IAS ✦ *ORCID Workshop for Researchers: Update your ORCID Record to Save Time and Get Credit in Funding Applications, Publications, and Research Reporting* ✦ Representatives of ORCID

December 8
The Author's Voice: *Through the Prism of Wisdom: Elijah the Prophet as a Bearer of Wisdom in Rabbinic Literature* ✦ **Hilla N. Alouf-Aboody**, Independent Scholar ✦ Hosted by **Sabine Schmidtke**, Professor, School of Historical Studies; **George A. Kiraz**, Research Associate, School of Historical Studies; Beth Mardutho: The Syriac Institute; Editor-in-Chief, Gorgias Press; in cooperation with **Angelos Chaniotis**, Professor, School of Historical Studies

January 20
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The Case of Oriental Studies During the Late 19th and Early 20th Century* ✦ **Sabine Schmidtke**, Professor, School of Historical Studies

January 27
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Goldziher between European Orientalism and the Arab Nahda: Digitally Mapping a Far-Reaching Network* ✦ **Rukayyah Reichling**, University of Amsterdam; **Kotoz Abdelhafiz Ahmed**, Leuven Centre for the Study of Islam, Culture and Society, Katholieke Universiteit Leuven

February 10
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Leo Strauss's Letters to the Arabist Paul Kraus, between the Search of the Hidden Truth and Exile in Mizraim* ✦ **Ernst Herb**, Freelance Writer

February 17
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *CorrespSearch—Connect and Search Scholarly Editions of Correspondence* ✦ **Stefan Dumont**, Berlin-Brandenburgische Akademie der Wissenschaften, Berlin

March 3
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *"So far away, yet so close": The correspondence of Ignaz Goldziher between 1863 and 1922* ✦ **Kinga Dévényi**, Independent Scholar

March 10
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *A Taste for the Difficult and Abstruse: A Seventeenth-Century Paris Librarian and His Orientalist Network* ✦ **Paul Babinski**, University of Copenhagen

March 17
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The Life of Max Meyerhof Through His Correspondence* ✦ **Isolde Lehnert**, Deutsches Archäologisches Institut Kairo

March 31
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *A library lost in translation: Paul Sbath's correspondence with Eugène Tisserant* ✦ **Celeste Gianni**, Hill Museum & Manuscript Library, Collegeville, Minnesota

April 7
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *The correspondence between the orientalist and manuscript dealer Abraham Shalom Yahuda (d. 1951) and the Cairo-based publisher and manuscript dealer Mohammad Amin Khanji (d. 1938)* ✦ **Garrett A. Davidson**, College of Charleston

April 21
Lecture series hosted by Sabine Schmidtke, Near Eastern Studies, and María Mercedes Tuya, Digital Scholarship @IAS: Scholarly Correspondences Among Orientalists during the Early and Late Modern Period as a Historical Source ✦ *Lives and letters. The correspondence of Christiaan Snouck Hurgronje (1857–1936)* ✦ **Jan Just Witkam**, Leiden University

May 11
Digital Scholarship Conversations @IAS ✦ *ORCID Workshop for Researchers: Update your ORCID Record to Save Time and Get Credit in Funding Applications, Publications, and Research Reporting* ✦ Representatives of ORCID

Director's Office Events

September 17
Faculty Welcome Dinner

September 19
New Members' Welcome Ceremony ✦ **David Nirenberg**, Director and Leon Levy Professor

October 6–7
Co-produced Religions Conference ✦ *Hypocrisy as a Co-produced Concept*

October 13
Dinner at Olden Farm in Honor of Andrew Ogg

October 22
Edward T. Cone Concert Series ✦ *Uneasy* ✦ **Vijay Iyer Trio** featuring **Linda May Han Oh** and **Tyshawn Sorey**

November 4
AMIAS Board Meeting

AMIAS Public Lecture ✦ *Panel Discussion on Global Migration* ✦ **Ayelet Shachar**, University of Toronto; **Hyun Ok Park**, York University; **Heba Gowayed**, Boston University; **Rhacel Salazar Parreñas**, University of Southern California; **William I. Newman**, University of California, Los Angeles; **Terrence Richard Blackman**, City University of New York ✦ *Panel Discussion on Environmental Change and Sustainability* ✦ **William I. Newman**, University of California, Los Angeles; **Jonathan Mitchell**, University of California, Los Angeles; **Nayanika Mathur**, University of Oxford; **Kian Goh**, University of California, Los Angeles; **Joel E. Cohen**, Rockefeller University; **Barbara Paca**, University of Maryland, College Park

December 3
Edward T. Cone Concert Series ✦ *Solacium* ✦ **Trio Mediæval**

December 7
Albert O. Hirschman Prize Lecture ✦ *The Connecting Machine: Cities in the Rich and Poor World* ✦ **Edward Glaeser**, Harvard University

February 2
Director's Conversation ✦ *After EDEN: a Master Class and Conversation with Joyce DiDonato* ✦ **Joyce DiDonato**, mezzo-soprano; featuring singers **Molly Netter** and **Jonathon Adams**

February 21
Edward T. Cone Concert Series ✦ *Reverences* ✦ **Sean Shibe**

March 23
Director's Conversation ✦ *Whither Our Cultural Institutions? A Conversation and Q&A with Daniel Weiss* ✦ **Daniel H. Weiss**, Metropolitan Museum of Art

March 29
Staff Town Hall

April 29
Edward T. Cone Concert Series ✦ *love fail* ✦ **Lorelei Ensemble**

May 5
Public Program ✦ *A Celebration of Great Minds* ✦ **Walter Isaacson**, biographer; **David Rubenstein**, IAS Trustee

May 18
Director's Conversation ✦ *Oppenheimer, Technology, and Humanity* ✦ **Kai Bird**, CUNY Leon Levy Center for Biography

May 19
Founders Day Celebration ✦ *Exhibits from the IAS Libraries and Archives Center* ✦ **Caitlin Rizzo**, Archivist; **Emma Moore**, Librarian, Mathematics-Natural Sciences; **Marcia Tucker**, Librarian, Historical Studies-Social Science ✦ *Big Ideas Talks Hosted by Director and Leon Levy Professor David Nirenberg* ✦ **Lila Abu-Lughod**, Member, School of Social Science; **Agustin Moreno**, Member, School of Mathematics; **Nana Osei-Opare**, Member, School of Historical Studies; **George Nathaniel Wong**, Frank and Peggy Taplin Member, School of Natural Sciences

AMIAS Board Meeting

Friends Annual Meeting

June 6
Public Panel Discussion ✦ *Steering AI for the Public Good: A Dialogue for the Future* ✦ **David Nirenberg**, Director and Leon Levy Professor; **Alondra Nelson**, Harold F. Linder Professor, School of Social Science; **Miranda Bogen**, Center for Democracy & Technology; **Brian Christian**, author and researcher; **Sorelle Friedler**, Haverford College; **William Isaac**, DeepMind's Ethics and Society Team, Oxford University Centre for the Governance of AI

Community Events

September 14
Ice Cream Social

September 15
Staff Happy Hour

September 17
Faculty Retreat

September 23
Welcome Reception

September 29
Photo Day

September 30
Friends Welcome Reception

October 7
Happy Hour with a Member ✦ **David Lang**, Artist-in-Residence

Outdoor Movie Night

October 14
Friends Talk ✦ *Ancient writing and reading: Culture and communication among the graffiti of Pompeii* ✦ **Rebecca Benefiel**, Friends of the Institute for Advanced Study Member, School of Historical Studies

October 19
Oktoberfest Member Supper

October 20
IAS Film Series ✦ *Port Triumph* ✦ **Jeffrey Gould**, Distinguished Visiting Professor, School of Historical Studies

October 21
Happy Hour with Live Music ✦ **Vijay Iyer**

October 31
Halloween Party

November 9
Friends Book Discussion ✦ *Pandemic Exposures: Economy and Society in the Time of Coronavirus* ✦ **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science

November 11
Happy Hour with a Member ✦ **Chris Hamilton**, Member, School of Natural Sciences

November 16
Thanksgiving Member Supper

November 18
Happy Hour with a Member ✦ **Natasha Iskander**, Friends of the Institute Member, School of Social Science

November 30
IAS Film Series ✦ *Monkey Beach*

December 2
Happy Hour with Live Music ✦ **Trio Mediæval**

December 6
Crossroads Tree Decorating

Lunch and Learn with McCarter Theater

December 9
Friends Holiday Party

December 10
Faculty and Members Holiday Party

December 14
Children's Holiday Party

December 15
Staff Holiday Party

December 19
Hannukah Party

January 13
Happy Hour with Live Music ✦ **John Beacher**

January 18
New Member Welcome Supper

January 20
Happy Hour with a Member ✦ **Nana Osei-Opare**, Member, School of Historical Studies

January 27
Happy Hour with a Member ✦ **Heba Gowayed**, Member, School of Social Science

February 8
Artist Salon ✦ **Soo Yeon Lyuh**

February 10
Happy Hour with Live Music ✦ **Emily Mae Grubbs**

February 16
Trivia Night with Righteous Jolly

February 17
Happy Hour with a Member ✦ **Ruth Britto**, J. Robert Oppenheimer Visiting Professor, School of Natural Sciences

February 22
International Pot Luck Supper

February 23
IAS Film Series ✦ *Neptune Frost* ✦ **Anisia Uzeyman**, co-director; **Saul Williams**, co-director

February 24
Happy Hour with Live Music ✦ **John Beacher**

March 3
Happy Hour with Live Music ◆ **Larry Tamanini**

March 8
Special Film Screening for International Women's Day ◆ *Hive*

March 9
Trivia Night with Righteous Jolly

March 10
Friends Talk ◆ *The Three-Body Problem: A Chaotic Tale from Newton to Symplectic Geometry and Space Exploration* ◆ **Agustin Moreno**, Member, School of Mathematics

March 15
St. Patrick's Day Member Supper

March 17
Happy Hour with Live Music ◆ **Emily Mae Grubbs**

March 25
IAS Film Series ◆ *Casablanca Beats*

March 31
Community Easter Egg Hunt

Happy Hour with a Member ◆ **Elizabeth Bearden**, Felix Gilbert Member, School of Historical Studies

April 6
Trivia Night with Righteous Jolly

April 13
Mimouna Celebration

IAS Film Screening ◆ *Dawn To Despair* ◆ **Jeffrey Gould**, Distinguished Visiting Professor, School of Historical Studies; **Ernesto Jara Vargas**, director

April 14
Happy Hour Karaoke

April 19
Game Night Member Supper

April 21
Happy Hour with a Member ◆ **Nadia Zakamska**, Johns Hopkins University

April 24
IAS Family Stargazing Night ◆ **Lia Medeiros**, AMIAS Member, School of Natural Sciences

April 26
Friends Dinner with a Member ◆ **Tankut Can**, Eric and Wendy Schmidt Member in Biology, School of Natural Sciences

April 28
Happy Hour with Live Music ◆ **Lorelei Ensemble**

April 29
David Lang Farewell

May 5
Rubenstein Commons Building Dedication

May 12
Happy Hour

May 13
Liberty Science Center Bus Trip

May 24
IAS Book Talk ◆ *Everyday Utopia: What 2,000 Years of Wild Experiments Can Teach us About the Good Life* ◆ **Kristen Ghodsee**, University of Pennsylvania

June 9
Staff Picnic

June 15
IAS Chamber Concert ◆ **Agustin Moreno**, Member, School of Natural Sciences; **Alexey Balitskiy**, Member, School of Mathematics; **Matteo Parisi**, Member, School of Natural Sciences

June 25
Trenton Thunder Game Bus Trip

June 30
Cello and Piano Concert at Olden Farm