

IAS/Park City Mathematics Institute

Institute for Advanced Study, 1 Einstein Drive, Princeton, NJ 08540

Welcome to PCMI!

Whether you are a program participant, a lecturer, an organizer or a visitor, the information in this document is important to your PCMI experience.

Please take the time to read through it, and bring it to Park City for reference during the PCMI Summer Session.

If you have any additional questions, feel free to contact our office at pcmi@ias.edu.

Sincerely,

Rafe Mazzeo, Director & *Dena Vigil*, Program Officer

How PCMI Works

There are four distinct programs:

- Graduate Summer School (GSS)
- Research Program in Mathematics (RP)
- Undergraduate Faculty Program (UFP)
- Undergraduate Summer School (USS)

Each program follows its own series of daily courses, lectures and seminars designed and delivered by leading experts in the field.

Interaction is also a key component of the PCMI Summer Session, and there will be many opportunities for you to interact with participants from all of the programs. To that end, most of the courses and seminars are open to all participants (except where noted on the daily schedule).

Cross Program Activities are offered two or three times each week in addition to the regular course schedule. Although your main focus will be your own program, you are strongly encouraged to take part in the Cross Program Activities. These are on a range of topics intended to be of interest to all, ranging from engaging math talks aimed at the entire PCMI audience to panel discussions and presentations about mathematical art. There are also occasional evening presentations and activities. All of these are intended to provide ways for you to interact with participants from other PCMI programs.

In addition to attending courses, seminars, and activities at PCMI, you should plan to take advantage of the Park City area and the diverse recreational and cultural opportunities it offers. Weekends and Wednesday afternoons are free of scheduled activities for this reason.



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Conference Location

**Westgate Resort
3000 Canyons Resort Dr.
Park City, Utah 84098**

July 6 – 26, 2025

--Inside this booklet--

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Arrival & Check-in

Participants attending the entire three weeks should plan to arrive in Park City on **Sunday, July 6**. It takes about 45 minutes to get to Park City after you land in Salt Lake City and board the shuttle. On July 6, shuttle buses between the airport and the Westgate Resort will leave the airport every two hours beginning at 11:00am and continuing until 11:00pm. *If you arrive after 11:00pm, please let us know and we'll send a link for transportation.*

Pick up your ID badge and program materials at the PCMI registration desk on the second floor foyer above the lobby when you arrive.

Arriving **after July 6**, please consult the information box on the right to determine when and how to pick up your ID badge and program materials →

Housing check-in: Housing that was funded and arranged by PCMI is located at the Westgate Resort. **You will receive your housing assignment in a separate email the first week of June.**

On July 6: The shuttle bus from the airport will bring you to the Westgate Resort where you can pick up your registration packet and check in to your lodging. After July 6, refer to the instructions sent to you in your housing assignment email.

At check-in, you will need to present your personal credit card to cover any incidental charges or damages during your stay. Your credit card will not be charged if you do not incur any incidental charges or damages.

Getting Around Park City

Public Transport – Park City Transit is a free bus service that covers Park City and Kimball Junction all day and into the evening. The nearest bus stop is the Canyons Village Hub, located at the bottom of Canyons Resort Drive, and the main bus depot is located in town, one block behind Main Street. Buses leave every 10-15 minutes from any given stop. It is approximately a 10-minute ride to downtown Park City or to Kimball Junction. Schedules are available online at <https://parkcity.org/departments/transit-bus/routes-schedules>.

The Westgate Resort offers free shuttle service in to Park City and Kimball Junction. Hours are 7am to 10pm. Stop by guest services or call the front desk to schedule.

The **High Valley Transit** also provides free transit service in Park City and from Park City to Salt Lake City daily. See <https://www.highvalleytransit.org/how-to-ride> for more information.

Walking – Once you are in Park City the downtown area is easily walkable, with a pedestrian walkway that winds through town up to Main Street. Take the Park City Transit or a shuttle ride in to town or out to Kimball Junction for access to additional grocery stores, restaurants, outlet stores and other shopping. Medical Services and pharmacies are also located nearby. At the resort, eateries and The Marketplace are accessible from the Elk & Moose Lodges.



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Registration Schedule

ID Badges and program materials can be picked up as follows at:

Westgate Resort
3000 Canyons Resort Dr.
Park City, Utah

Sunday, July 6, 11:00am to 7:00pm on the 2nd Floor Foyer above the Lobby

****If you arrive after 7pm on Sunday, July 6, you can still check in to your lodging. Registration will resume on Monday morning.***

Mondays, July 7, July 14 and July 21, starting at 7:30am in the Pre-Function space near the Bear Conference Rooms-Bear Lodge Level 2.

All other days in the PCMI Office during posted office hours (see page 7)

Bicycle Rentals

Wasatch Adventure Guides, wasatchadventureguides.com, 435-200-4885
Summit Bike Share, <https://summitbikeshare.com/>, 435-336-7433
Cole Sport, colesport.com, 435-649-4806
Jans, <https://www.jans.com/park-city-bike-rentals>, 435-649-4949
Park City Bike Demos, parkcitybikedemos.com, 435-659-3991

Car Rentals

Enterprise Car Rental, 435-655-7277, 6585 N. Landmark Dr, Park City, UT
Hertz Car Rental, 435-655-0868, located in the Sheraton Hotel

***PCMI does not reimburse for rental cars.**

IDENTIFICATION (ID) BADGES

ID badges are issued at registration and must be worn throughout the PCMI Summer Session, both for security and programmatic reasons. Your ID badge also functions as your ticket for meals provided by PCMI.

So be sure to wear your ID badge at all times for identification purposes.

THINGS TO KNOW

CHILD CARE

The following is for informational purposes ONLY. The Institute for Advanced Study and the IAS/Park City Mathematics Institute do not endorse or recommend any child care facility or provider. Children are not allowed in the conference rooms at any time during the program.

Summer Camps & Child Care Services

Park City MARC, <https://www.parkcity.org/departments/park-city-marc-recreation-home/recreation-programs/park-city-summer-day-camp>

Kimball Art Center, <https://kimballartcenter.org/camps>

Little Adventures Children's Center, <https://www.parkcitymountain.com/plan-your-trip/childcare.aspx>

Babysitting Services

Guardian Angel Babysitters, guardianangelbaby.com

Mother Goose Child Care Services, mothergooseofutah.com

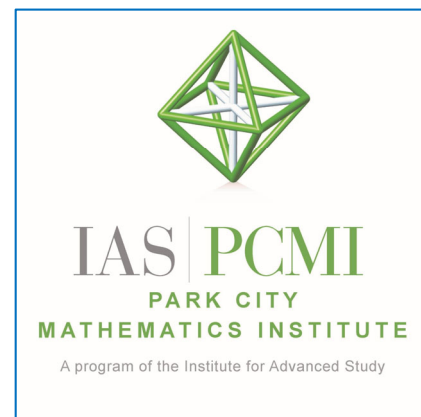
Park City Sitters, parkcitysitters.com

PCMI EVENT APP

Invitations to join the PCMI Event App will be emailed to all PCMI participants by May 30. The PCMI Event app is available through Whova. Join the app for regularly updated information about the conference schedule and for general group communications with other PCMI participants.

WIRELESS NETWORK

Free high-speed internet access is provided by the Westgate Resort.



A day in the life at PCMI...

Continental Breakfast is available from 7:30am-8:30am in the Bear Conference Room.

Courses and seminars start at 8:30am.

All programs break for **Lunch** around 12:00 noon, resuming again as early as 1:00pm. Lunch is served in the Bear Conference Room.

Afternoon tea is available in the Pre-Function area before the Cross Program Activity.

The **Cross Program Activity** takes place at 3:15pm in the Bison Conference Room.

There are occasional optional **evening activities**.

Be sure to check the PCMI Event App and www.ias.edu/pcmi for up-to-date information.

PRINTERS & SCANNERS

Two printers will be available in for use by PCMI participants in the Bison 6A room. The printers will be accessible via USB.

LAUNDRY

Some studios are not equipped with laundry machines. There are coin-operated laundry rooms in the Elk (Floors 5, 6, 7, 8, 9) and Bear (Floors 4, 7) Lodges.

For those who need a Laundromat, Lolo's Laundry Services is located at 1792 Bonanza Drive. Lolo's also has "wash and fold" service for an extra fee.

MEETING ROOMS

Every effort is made to keep the meeting rooms at comfortable temperatures. However, we strongly suggest that you have a jacket with you in case the rooms are too cool for your comfort.

CLOTHING

Dress at PCMI is casual, although shirts and shoes must be worn in the Westgate Resort at all times. Bring appropriate layers of clothing to accommodate changing weather.

MEDICAL CARE

Bring an adequate supply of prescription medications that you take. The prescription container should be with you as well, in case of emergency. Park City and Kimball Junction both have fully equipped pharmacies.

The Park City InstaCare is located at 1750 Sidewinder Drive, 435-649-7640. The U Health Clinic is located at 1743 Market Street, 435-658-9200.

ILLNESS

If you are ill, or experiencing any symptoms that you think might be transmissible, we ask that you not enter the conference rooms and try to minimize contact with other participants. Please follow the directions of your doctor about when you can safely interact with others again.

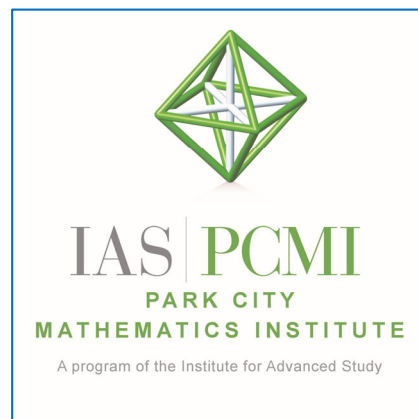
FITNESS

Keep active during your stay in the Westgate state-of-the-art Fitness Center. Located adjacent to Serenity Spa by Westgate and the Yoga Studio in the Elk Lodge Level 4, the Fitness Center features cardio equipment, free weights and weight machines.

PCMI has sports equipment and games (volleyballs, soccer balls, discs, chess, monopoly, etc.) available for check-out to PCMI participants.

Swimming pools: The Westgate Resort has indoor/outdoor pools, including an adults-only relaxation pool, two spa tubs and a heated indoor/outdoor pool.

The Westgate Resort also has basketball and tennis courts on site.



Mark your calendars!



July 7 – PCMI Opening Reception in the Bear Conference Room

July 14 – PCMI Movie Night at the Park City Public Library

July 15 – Estimation by Jane Street in the Bison Conference Room

July 24 – PCMI Closing Dinner in the Bear Conference Room

Additional activities TBD, please watch for announcements during the conference.

MAIL

You may receive packages at PCMI addressed exactly as follows. Any mail not addressed as noted will be returned to the sender. All mail MUST be addressed like this:

For USPS Mail (Letters):

IAS/PCMI
Attn: PCMI, Your Name
PO Box 2693
Park City, UT 84068

For FedEx, UPS, etc. (Packages):

Westgate Park City Resort & Spa
Attn: PCMI, Your Name
3000 Canyons Resort Drive
Park City, UT 84060

Delivered packages can be claimed at the Guest Services desk. USPS Mail can be claimed in the PCMI Office.

LIQUOR LAWS

The legal drinking age in the State of Utah is 21, regardless of whether you are in your own room or out in a public space.

Purchasing Alcohol:

Beer and seltzer drinks (5% ABV or less) may be purchased in grocery stores, but Utah Liquor Laws prevent the sale of hard liquor and wine anywhere other than in its state-run liquor stores. *Liquor not available for sale on Sundays.*

Nearest State-run Liquor Stores:

The Marketplace, located in the Moose Lodge, Level 5
1612 W Ute Blvd, Park City, UT (Kimball Junction) – 435-658-0860
460 Swede Alley, Park City, UT (Park City proper) – 435-649-3293
1550 Snow Creek Drive, Park City UT (Park City proper)– 435-615-8538

Financial Information

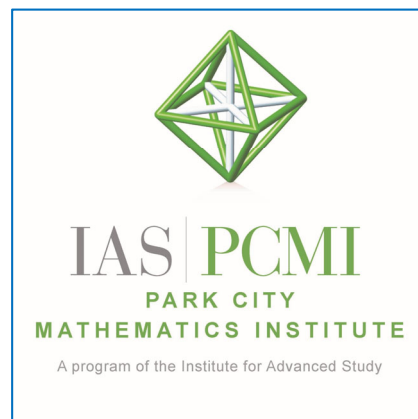
STIPEND CHECKS

Participants' stipend checks for Undergraduate Summer School will be issued at registration.

CASH

All participants should come to PCMI with any necessary cash, travelers checks, and ATM cards so that you have ready access to cash while you are at the PCMI Summer Session. There is an ATM located on-site and there are numerous ATM machines throughout Park City that will accept ATM cards from major networks (such as Star or PLUS). Most charge a small fee per transaction.

Checks issued by IAS are not cashable at any bank in Park City—please be sure to come to Park City with the cash or access to cash that you will require during your stay.



Photographs

A professional photographer will spend two days at PCMI Summer Session, taking candid photos of participants to use in our publicity materials and reports to funders. Each participant is asked to sign a photo release form at Registration so that PCMI may use these professionally produced photos. (No profit will be made by PCMI on these photographs. They are used solely for reports, fundraising, and publicity materials.)



REIMBURSEMENTS

For participants with pre-approved travel expenses, reimbursement request forms are available in the PCMI office.

All requests must be supported by appropriate documentation, and all documents must be original receipts. Photocopies are not permissible.

Mileage driven (in lieu of airline travel) reimbursement: A printout of driving directions (from Google Maps or mapquest.com) that indicates the addresses of the starting point (your home) and the endpoint (Westgate Park City Resort), explicitly stating the mileage between the two points, is required for reimbursement.

Processing: Requests will be processed after the Summer Session has ended. Reimbursement checks are issued by the Institute for Advanced Study in New Jersey and can take two to four weeks for processing.

Wire Transfer: Wire transfers are possible when paper checks are not an option for the participant. A handling fee of \$20 USD will be deducted from any reimbursement that is sent via wire transfer. See PCMI Staff for the additional form to be completed for a wire transfer.

Note – You will need your bank's wire information such as Bank Name, Address, and SWIFT code, and your own bank account number (IBAN) for the wire transfer form.

IMPORTANT – Original documents are required for travel expense reimbursements.

Library and Lecture Notes

A small library of topic appropriate books as well as books about mathematics education will be available to participants. Operated on the honor system, circulating books may be checked out with the PCMI staff, to be returned by 12:00 noon the next day. Some materials are non-circulating and must remain in the library at all times.

All registered participants receive lecture notes and other course materials free of charge; materials are distributed by the course Teaching Assistant. If extra copies are needed, please see the designated TA – they will place an order for more copies.

Lecture notes and problem sets for both the Undergraduate Summer School and the Graduate Summer School will be available to participants during the Summer Session on the PCMI website.

The Graduate program lecture series is also accessible on the PCMI YouTube Channel: <https://www.youtube.com/@iaspcmi>



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IMPORTANT

NO SMOKING

By order of the Utah Clean Air Act, all meeting rooms and sleeping rooms in the State of Utah are Non-Smoking.

Smoking is allowed only outdoors, 25 feet away from buildings.

CLIMATE

Park City's summers are generally warm and sunny with low humidity. Temperatures can climb well into the 90s (Fahrenheit) during the hottest part of the day, falling into the 50s or 60s at night.

HIGH ALTITUDE

Park City is a high altitude location – it is 7000 feet above sea level.

PCMI Housing

PCMI-funded housing begins on Sunday, July 6, and ends on Saturday, July 26. ***If you need housing before or after those dates, you must arrange and pay for it yourself.***

Funded participants will be housed at the Westgate Resort. All assigned sleeping rooms will be within walking distance of the conference rooms.

Sheets and towels are provided, as are pots, pans and utensils.

Housekeeping staff will clean the rooms once a week. Housekeeping information will be given to you when you check in.

NO Smoking: ALL rooms are NON-SMOKING; a substantial fine (\$250 USD) is levied for smoking in your unit or in any resort lodges, rooms & buildings.

Sharing rooms: If you are sharing a room or multi-bedroom unit with roommate/s, someone may have to use the sofa-sleeper. Linens are provided for the sofa-sleeper. *Please be considerate of each other and rotate use of the sofa-sleeper at the time that clean linens are provided.*

Incidentals and personal charges: For PCMI-funded housing, personal items and services can be charged to your room only after you make arrangements with your credit card at the Front Desk and agree to be responsible for all incidental room charges during your stay.

Questions about housing assignments before check-in should be directed to Dena Vigil of the PCMI Staff: dvigil@ias.edu.

Questions about, or problems with, housing after you check in should be directed to the Front Desk.

Pets / Service Dogs: Animals other than service dogs are not allowed in PCMI lodging or in conference rooms/classrooms. As defined by the ADA, a service dog has been trained to perform tasks or do work for the benefit of a person with a disability. The tasks or work the dog does must be directly related to the person's disability.

Food Service and Dinner Recommendations

PCMI provides continental breakfast and catered lunch for all registered participants on days that PCMI is in session. Breakfast and lunch are considered an important part of the interaction that makes PCMI unique.

Lunches are buffet style and will have at least one vegetarian option and one meat-based option daily. Food allergy questions should be addressed to food servers for confirmation of ingredients. If you have concerns, please contact Dena Vigil at dvigil@ias.edu.



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The PCMI Office

PCMI Summer Office is located in the Bison 6B Board Room in the Bison Lodge Level 2.

Summer Office hours:

8:00am to 5:00pm on all weekdays that PCMI is in session, except for July 9, July 16, and July 23 which are half days—the PCMI Office will close at 2:00pm on those days.

Contact us:

IAS | Park City Mathematics
Institute (PCMI)
Institute for Advanced Study
1 Einstein Drive
Princeton, NJ 08540

pcmi@ias.edu

Dena Vigil, Program Officer
Cell Phone: 801-913-1510

Continental breakfast and catered lunch are for registered participants

ONLY. Family members and travelling companions should make alternative arrangements. Exceptions: the opening reception and closing dinner, to which family members are very welcome.

Your ID Badge doubles as your meal ticket and is required to be worn at all meals.

CONTINENTAL BREAKFAST FOR REGISTERED PARTICIPANTS: 7:30-8:30am located in the Bear Conference Room, Bear Lodge – Level 2.

LUNCH FOR REGISTERED PARTICIPANTS: 12:00-1:00pm located in the Bear Conference Room, Bear Lodge – Level 2.

DINNER and WEEKEND MEALS: Dinners and weekend meals are not provided by PCMI. A small variety of restaurants and The Marketplace are within walking distance of the Westgate Resort. Participants may also opt to take the bus to go to restaurants in Park City or Kimball Junction. Please note that this may conflict with our occasional evening activities.

PCMI will host the following specials dinners:

Opening Reception will be Monday, July 7 in the Bear Conference Room and the **Closing Dinner will be Thursday, July 24** in the Bear Conference Room. Families welcome.

Estimathon by Jane Street on Tuesday, July 15 at 5:30pm in the Bison Conference Room - Pizza served.

Departure Information

PCMI's scheduled programming ends by 5:00pm on Friday, July 25.

Checkout time for PCMI lodging is 10:00am on Saturday, July 26.

Luggage may be stored at the Westgate Resort Guest Services if your departure is scheduled for the afternoon or evening.

On July 26, there will be a shuttle bus leaving the Westgate Resort for the airport every two hours beginning at 3:00am and continuing until 2:00pm.

Acknowledgments

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Simons Foundation

National Science Foundation (DMS-2341150)

With generous support from:

Clay Mathematics Institute

*The IAS | Park City Mathematics Institute is a program of the **Institute for Advanced Study**,
1 Einstein Drive, Princeton, NJ 08540*



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The Quick Start Checklist:

- ✓ Take the shuttle from Salt Lake City Airport to the Westgate Resort in Park City, Utah.
- ✓ Pick up your Registration materials and ID Badge from the PCMI Staff.
- ✓ Check-in to your housing.
- ✓ If you arrived late at night and it is a weekday morning, go to the PCMI Office to pick up your registration materials and ID Badge.

Where is the Westgate Resort?

3000 Canyons Resort Dr.
Park City, UT

Phone: 435.655.2240