

# 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](mailto:pcmi@ias.edu).

Sincerely,

*Dena Vigil*, Program Officer

## How PCMI Works

There are four distinct programs:

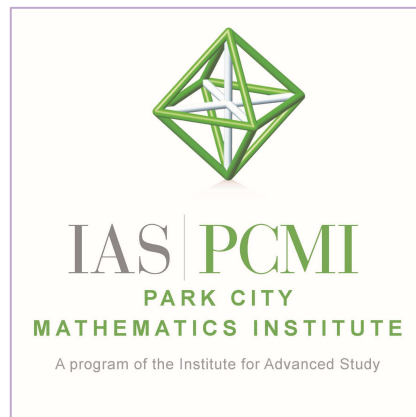
- Graduate Summer School (GSS)
- Research Program in Mathematics (RP)
- Undergraduate Faculty Program (UFP)
- Undergraduate Summer School (USS)

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. Some deal with educational issues and others deal with general mathematical content.

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.



## Conference Location

**Prospector  
Conference Center  
2175 Sidwinder Dr.  
Park City, Utah 84060**

**July 7 – 27, 2024**

## --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 7**. It takes about 45 minutes to get to Park City after you land in Salt Lake City and board the shuttle. On July 7, shuttle buses between the airport and the Prospector will leave the airport every two hours beginning at 11:00am and continuing until 11:00pm. *If you arrive after 11pm, we will have a shuttle van service available to take you to check in to your lodging.*

Pick up your ID badge and program materials at the PCMI registration desk in the Prospector Conference Center when you arrive.

Arriving **after July 7**, 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 Prospector Conference Center and in surrounding condo buildings that are managed by other companies. **You will receive your housing assignment in a separate email the first week of June.**

On July 7: The shuttle bus from the airport will bring you to the Prospector Conference Center where you can pick up your registration packet. A shuttle van will then take you to check-in to your room at your assigned lodging location. After July 7, 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.**

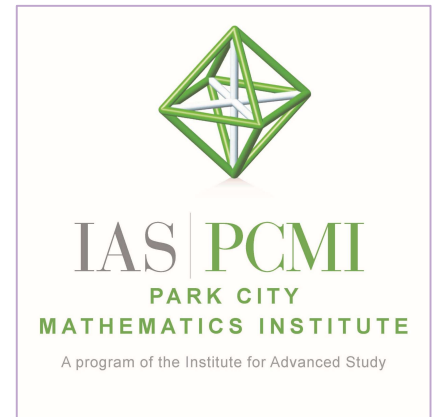
## Getting Around Park City

**Walking** – Park City is a walking town, with a pedestrian walkway that winds from the Prospector Square neighborhood up to Main Street. The distance is about one mile.

Grocery stores and eateries are located just a 10-minute walk from the Conference Center. Medical Services and a pharmacy are also located nearby.

**Public Transport – Park City Transit** is a free bus service that covers Park City and Kimball Junction all day and into the evening. Bus stops are located along the side and front of the Prospector Conference Center, and the main bus depot is located in town, one block behind Main Street. Buses leave every 10-15 minutes from any given stop. Schedules are available online at <https://parkcity.org/departments/transit-bus/routes-schedules>.

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.



## Registration Schedule

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

Prospector Lodge &  
Conference Center

2175 Sidewinder Drive  
Park City, Utah

**Sunday, July 7, 11:00am to 7:00pm** in the foyer near the Theater of the Prospector Conference Center building

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

**Mondays, July 8, July 15 and July 22**, starting at 7:30am through 5:00pm in the PCMI Summer Office located in the Theater Lounge North (near the swimming pool).

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

## Bicycle Rentals

Cole Sport, colesport.com, 800-345-2938

Jans, <https://www.jans.com/park-city-bike-rentals>, 435-649-4949

Park City Bike Demos, parkcitybikedemos.com, 435-659-3991

White Pine Touring, whitepinetouring.com, 435-649-8710

Summit Bike Share, <https://summitbikeshare.com/>, 435-336-7433

## 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.**

## 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.*

#### 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>

Deer Valley Summer Adventure Camp, <https://www.deervalley.com/things-to-do/activities/summer-camp>

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

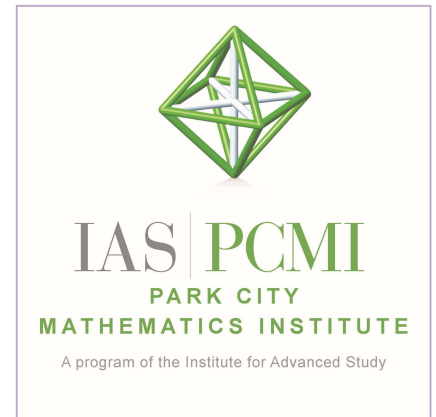
Park City Sitters, parkcitysitters.com

### 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 up-to-date conference information.

### WIRELESS NETWORK

Free high-speed internet access at the conference center is provided by IAS/PCMI.



## A day in the life at PCMI...

**Continental Breakfast** is available from 7:30am-8:30am in the Dining Tent.

**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 Dining Tent outside of the conference center.

**Afternoon tea** is available in the foyer before the Cross Program Activity.

The **Cross Program Activity** takes place at 3:15pm in the Theater.

There are occasional optional **evening activities**.

*Be sure to check the PCMI Event App and [www.ias.edu/pcmi](http://www.ias.edu/pcmi) for up-to-date information.*

Note about streaming movies and playing games, etc.: **Downloading or streaming movies or other large files is discouraged at all times. Bandwidth is limited. If your usage ends up slowing down a network, you may be removed from the network by the administrator.**

### **PRINTERS & SCANNERS**

Two printers will be available in the Conference Center for use by PCMI participants in the Coalition 3 room. The printers will be accessible via USB.

### **LAUNDRY**

Many studios are not equipped with laundry machines. There are coin-operated laundry rooms at the Prospector Lodge & Conference Center.

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 Conference Center 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.

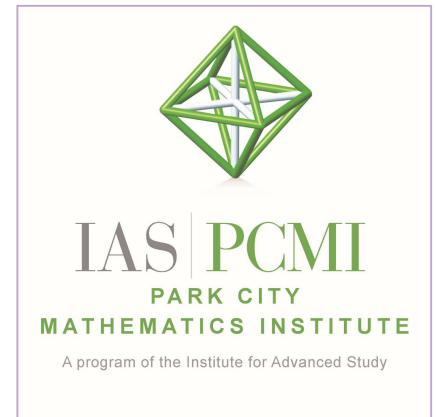
The Park City InstaCare is located within walking distance of the Prospector Conference Center at 1750 Sidewinder Drive; the telephone number is 1-435-649-7640.

### **ILLNESS**

If you are sick, please do not come to the conference center and follow the directions of your doctor with regard to when you can return to the conference.

### **FITNESS**

The Silver Mountain Spa, located next door to the Prospector, is offering three-week memberships for \$99.75 USD, a 5-visit punch card for \$62.50 USD, or a 10-visit punch card for \$125 USD, plus tax (punch cards are 50% off regular pricing) for PCMI Participants. The membership entitles you to full use of the facilities (including equipment, pools, sauna, hot tub). Stop by the Silver Mountain Spa's front desk if you are interested in joining.



## **Mark your calendars!**



**July 8 – PCMI Opening Reception at the DoubleTree Hotel**

**July 11 – PCMI Movie Night at the Park City Public Library**

**July 16 – Estimation in the Prospector Theater**

**July 18 – PCMI Supper in the Dining Tent**

**July 26 – PCMI Closing Dinner in the Dining Tent**

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

PCMI has sports equipment and games (volleyballs, soccer balls, discs, chess, monopoly, etc.) available for check-out to PCMI participants. Nearby, the City Park has a full range of outdoor courts and playing fields.

### MAIL

You may receive packages at PCMI addressed exactly as follows. Packages must be addressed to “The Prospector” – packages not addressed to “The Prospector” will be returned to the sender. It MUST be addressed like this:

#### **For FedEx, UPS, Amazon, etc. (Packages):**

The Prospector  
Attn: PCMI, Your Name  
2175 Sidewinder Dr.  
Park City, UT 84060

Delivered packages can be claimed at the Prospector Front Desk.

### 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.

#### **Nearest State-run Liquor Stores:**

460 Swede Alley, Park City, UT – 435-649-3293  
1550 Snow Creek Drive, Park City UT – 435-615-8538

## **Financial Information**

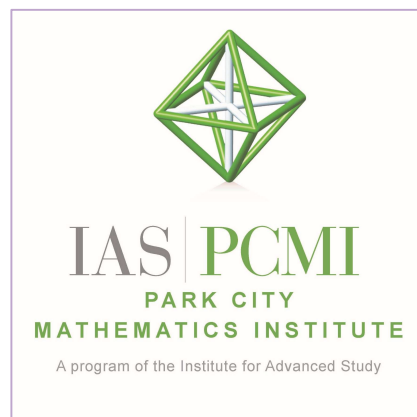
### STIPEND CHECKS

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 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 (Prospector Conference Center), 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.



**IAS | PCMI**  
PARK CITY  
MATHEMATICS INSTITUTE  
A program of the Institute for Advanced Study

## **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 7, and ends on Saturday, July 27. ***If you need housing before or after those dates, you must arrange and pay for it yourself.***

Funded participants will be housed at the Prospector Lodge and Conference Center and in the surrounding area. All assigned sleeping rooms will be within walking distance of the conference center or will be accessible by using the free Park City Transit bus.

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 the conference center building.

**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](mailto:dvigil@ias.edu).

Questions about, or problems with, housing after you check in should be directed to the Front Desk of the property at which you are staying.

**Pets / Service Dogs:** Animals other than service dogs are not allowed in any of the PCMI lodging properties or at the Conference Center. 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](mailto:dvigil@ias.edu).*



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### The PCMI Office

PCMI Summer Office is located in the Theater Lounge North (near the swimming pool) of the Prospector Conference Center.

#### Summer Office hours:

8:00am to 5:00pm on all weekdays that PCMI is in session, except for July 10, July 17, and July 24 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](mailto:pcmi@ias.edu)

Dena Vigil, Program Officer  
Cell: 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 Dining Tent (directly behind the Prospector).

**LUNCH FOR REGISTERED PARTICIPANTS:** 12:00-1:00pm located in the Dining Tent (directly behind the Prospector).

**DINNER and WEEKEND MEALS:** Dinners and weekend meals are not provided by PCMI. A wide variety of restaurants and grocery stores are within walking distance of the Prospector Conference Center.

PCMI will host the following specials dinners:

**Opening Reception will be Monday, July 8** at the Double Tree Hotel and the **Closing Dinner will be Thursday, July 25** in the Dining Tent at the Prospector. Families welcome.

**Estimathon on Tuesday, July 16** at 6:00pm in the Theater - Pizza served.

**PCMI Supper on Thursday, July 18** at 6:00pm in the Dining Tent.

## **Departure Information**

PCMI's scheduled programming ends by 5:00pm on Friday, July 26.

Checkout time for PCMI lodging is 10:00am on Saturday, July 27.

Luggage may be stored at the Prospector Front Desk if your departure is scheduled for the afternoon or evening.

On July 27, there will be a shuttle bus leaving the Prospector for the airport every two hours beginning at 3:00am and continuing until 2:00pm.

## **Acknowledgments**

### **Major funding from:**

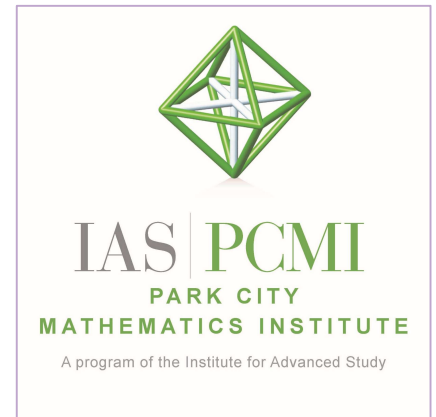
Simons Foundation

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*



## **The Quick Start Checklist:**

- ✓ Take the shuttle from Salt Lake City Airport to the Prospector Conference Center 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 the Prospector Conference Center to the PCMI Office to pick up your registration materials and ID Badge.

Where is the Prospector Conference Center?

2175 Sidewinder Drive  
Park City, UT

Phone: 435.658.3030