

**Telluride Workshop 2025**

**Returning to the Molecule: Thinking at the Chemical Level to Advance Understanding and Function in Synthetic Porous Frameworks**

**June 9, 2025 to June 13, 2025**

**Telluride, Colorado, USA**

**Telluride Science and Innovation Center**

Telluride Science (formally known as the Telluride Science Research Center or TRSC) was founded in 1984 as an interdisciplinary think tank for science and engineering challenges. Telluride Science is about expanding the frontiers of science, exploring new ideas, and building collaborations. Read more about Telluride Science’s history here. The workshop schedule will allow for substantial unstructured time for participants to talk and think. All participants are expected to stay for the entire duration of the workshop. Scientists are encouraged to consider bringing family or friends. Telluride offers several options for children’s camps (including Telluride Academy, Aha School for the Arts, and Pinhead Institute). There is more information on childcare, camps, and family activities on Telluride Science’s website. Feel free to contact Telluride Science’s staff to help with any planning and/or coordinating care.

**Organizing Committee**

• Ashlee Howarth, Concordia University, ashlee.howarth@concordia.ca

• Sarah Park, POSTECH, sarahpark@postech.ac.kr

**Meeting Venue**

Telluride Intermediate School, 721 W Colorado Ave, **Room 1209**

**Local Telluride Science contacts**

• Mark Kozak, email: mark@telluridescience.org, cell: 970-708-4426

• Sara Friedberg, email: sara@telluridescience.org, cell: 970-708-0622

• Cindy Fusting, email: cindy@telluridescience.org, cell: 970-708-5069

**Food / Activities**

Grab and go breakfast will be available daily at the workshop location. Lunches and dinners are NOT included in registration. You will receive vouchers for a group picnic dinner that will be held on Wednesday June 11. We will also have a group dinner sponsored by Micromeritics Instrument Corp. and Rigaku Americas Corp. on Tuesday June 10 at 7:45pm. Group hike is on Wednesday (Bear Creek Fall) – this is an excellent opportunity to unwind and get to know each other in a more relaxed setting. Bring comfortable shoes and plenty of water. Altitude at Telluride is ~ 8750 ft so make sure to stay hydrated.

**Scientific Program**

The scientific program starts on Monday June 9 at 14:30 and ends on Friday June 13 at 10:45. Wednesday will be a free day, including a group hike. Each talk is scheduled for 30 minutes including Q&A.

|  |
| --- |
| **Day 1 June 9, 2025** |
| 12:00 | Badge pick-up until 14:15 at the Telluride Intermediate School |
| 14:15 | Welcome remarks |
| 14:30  | Phil Milner | Cornell University |
| 15:00 | Hyunho Noh | University of Oklahoma |
| 15:30 | Buffer Time |
| 15:45 | Coffee and snack break |
| 16:00  | Ashlee Howarth | Concordia University |
| 16:30 | Shuhei Furukawa | Kyoto University |
| 17:00  | General discussions |
| 17:30  | Dinner (on your own)  |

|  |
| --- |
| **Day 2 June 10, 2025** |
| 8:30  | Breakfast (grab and go) |
| 9:00  | Intro and business announcements  |
| 9:15  | Carl Brozek | University of Oregon |
| 9:45  | William Dichtel | Northwestern University |
| 10:15 | Natalia Shustova | University of South Carolina |
| 10:45 | Buffer Time |
| 11:00 | Coffee and snack break |
| 11:15 | Lei Sun | Westlake University |
| 11:45 | Joseph Hupp | Northwestern University |
| 12:15 | Buffer Time |
| 12:30  | Lunch break (on your own) |
| 14:00 | Cory Simon | Oregon State University |
| 14:30  | Jinhu Dou | Peking University |
| 15:00 | Buffer Time |
| 15:15  | Coffee and snack break |
| 15:30  | Mike McGuirk | Colorado School of Mines |
| 16:00  | Omar Farha | Northwestern University |
| 16:30 | Pierre LeMagueres | Rigaku Americas Corp |
| 17:00 | General discussions |
| 18:30 | Town Talk by Natalia Shustova at the Telluride Conference Center in Mountain Village |
| 19:45  | **Group Dinner Sponsored by Rigaku & Micromeritics (7:45pm start)****Rustico Ristorante - 114 E Colorado Ave** |

|  |
| --- |
| **Day 3 June 11, 2025** |
| 9:00 -17:00 | Free day! Group hike at Bear Creek Falls. **Meet at trailhead at 10am.** Trailhead (Google maps): Type in “Bear Creek Trail” or 37.93434, -107.81192 |
| 17:30  | Group photo and picnic dinner at the tent behind the school  |

|  |
| --- |
| **Day 4 June 12, 2025** |
| 8:30  | Breakfast (grab and go) |
| 9:00  | Intro and business announcements  |
| 9:15  | Wonyoung Choe | UNIST |
| 9:45  | Amanda Morris | Virginia Tech |
| 10:15 | Michael Katz | Memorial University of Newfoundland |
| 10:45 | Buffer Time |
| 11:00 | Coffee and snack break |
| 11:15 | Lauren Macreadie | University of New South Wales |
| 11:45 | Sarah Park | POSTECH |
| 12:15 | Buffer Time |
| 12:30  | Lunch break (on your own) |
| 14:00 | Satoshi Horike | Kyoto University |
| 14:30  | Kurtis Carsch | University of Texas at Austin  |
| 15:00 | Buffer Time |
| 15:15  | Coffee and snack break |
| 15:30  | Karena Chapman | Stonybrook University |
| 16:00  | Eric Bloch | Indiana University |
| 16:30 | Xinliang Feng | TU Dresden |
| 17:00 | General discussions |
| 17:30  | Dinner (on your own) |

|  |
| --- |
| **Day 5 June 13, 2025** |
| 8:30  | Breakfast (grab and go) |
| 9:00 | Intro and business announcements |
| 9:15 | Scott Speakman  | Micromeritics& Malvern Panalytical |
| 9:45 | Lilia Xie | Princeton University |
| 10:15 | Austin Evans | University of Florida  |
| 10:45 | Buffer Time |
| 11:00 | Concluding remarks |

**List of participants**

|  |  |  |
| --- | --- | --- |
| **Name** | **Institution**  | **Email** |
| Amanda Morris | Virgina Tech | ajmorris@vt.edu |
| Ashlee Howarth | Concordia University | ashlee.howarth@concordia.ca |
| Austin Evans | University of Florida | austinevans@chem.ufl.edu |
| Carl Brozek | University of Oregon | cbrozek@uoregon.edu |
| Cory Simon | Oregon State University | cory.simon@oregonstate.edu |
| Eric Bloch | Indiana University | edbloch@iu.edu |
| Hyunho Noh | University of Oklahoma  | Hyunho.Noh-1@ou.edu |
| Jinhu Dou | Peking University | doujinhu@pku.edu.cn |
| Joseph Hupp | Northwestern University | j-hupp@northwestern.edu |
| Karena Chapman | Stony Brook University | karena.chapman@stonybrook.edu |
| Kurtis Carsch | University of Texas at Austin | kcarsch@utexas.edu |
| Lauren Macreadie | University of New South Wales | l.macreadie@unsw.edu.au |
| Lei Sun | Westlake University | sunlei@westlake.edu.cn |
| Lilia Xie | Princeton University  | liliaxie@princeton.edu |
| Mike Katz | Memorial University of Newfoundland | mkatz@mun.ca |
| Mike McGuirk | Colorado School of Mines | cmmcguirk@mines.edu |
| Natalia Shustova | University of South Carolina | shustova@mailbox.sc.edu |
| Omar Farha | Northwestern University | o-farha@northwestern.edu |
| Phil Milner | Cornell University | pjm347@cornell.edu |
| Pierre LeMagueres | Rigaku Americas Corp | Pierre.LeMagueres@rigaku.com |
| Sarah Park | POSTECH | sarahpark@postech.ac.kr |
| Satoshi Horike | Kyoto University | horike.satoshi.3r@kyoto-u.ac.jp |
| Scott Speakman | Micromeritics & Malvern Panalytical | scott.speakman@malvernpanalytical.com |
| Shuhei Furukawa | Kyoto University | furukawa-g@icems.kyoto-u.ac.jp |
| William Dichtel | Northwestern University | wdichtel@northwestern.edu |
| Wonyoung Choe | UNIST | choe@unist.ac.kr |
| Xinliang Feng | TU Dresden | Xinliang.Feng@tu-dresden.de |

 **Code of Conduct**

• Treat your fellow participants and Telluride Science staff with consideration and professionalism, respecting diversity of views and opinions.

• Communicate openly with civility for others, critiquing ideas rather than individuals.

• Be mindful of your surroundings and fellow participants. Anyone requested to stop unacceptable behavior is expected to comply immediately. Telluride Science staff may take any action deemed necessary and appropriate, including immediate removal from the meeting without warning or refund.

• Be kind and considerate of people in the Telluride community. You represent Telluride Science when you are in town.

**Unacceptable Behavior**

Harassment, intimidation, exclusion, or discrimination. Physical or verbal abuse.

**Reporting Unacceptable Behavior**

If you are the target of unacceptable behavior or have witnessed any such behavior, please immediately notify a Telluride Science or the workshop organizer. Alert Telluride Science staff, and 911 if appropriate, if you notice a dangerous situation or someone in distress. Report concerns to report@telluridescience.org. All reports will be treated confidentially and with discretion.

**Diversity & Inclusion Statement**

Telluride Science values diversity and inclusion and is committed to creating a respectful, equitable, and welcoming environment free from discrimination, exclusion, and harassment for all participants. Telluride Science is known for its collegial workshops that spawn new ideas and collaborations. We encourage the open expression and exchange of ideas, and we are dedicated to strengthening our culture of diverse and inclusive workshops, conferences, and schools. The Telluride Science Board actively works with workshop, conference, and school organizers to promote diversity in all Telluride Science

sponsored events.

**Most importantly:** Have fun! Be inspired! Make new friends!