

Frontiers and Challenges in Laser-Based Biological Microscopy

Telluride, Colorado

July 21 - July 24, 2025

Program

Program Chairs: Monika Ritsch-Marte, Medical University Innsbruck, AU & Eric Potma, UC Irvine, USA
Hervé Rigneault, Institut Fresnel, FR & Irene Georgakoudi, Tufts University, USA

Website: <https://meetings.telluridescience.org/meetings/workshop-details?wid=1235>

Monday, July 21 – Afternoon Session

8:30 – 9:00 *Breakfast*

Free Morning

12:20 – 2:00 *Lunch*

Presider: Eric Potma

2:00 – 2:10 Welcome and orientation

2:10 – 2:50 Erwin Peterman

Vrije University, NL

2:50 – 3:30 Francisco Robles

Georgia Tech, USA

3:30 – 4:00 *Break*

4:00 – 4:40 Filiz Yesilkoy

U. Wisconsin, USA

4:40 – 5:20 Hervé Rigneault

Institut Fresnel, FR

5:20 – 6:00 Monika Ritsch-Marte

Medical U. Innsbruck, AU

Tuesday, July 22 - Afternoon Session

8:30 – 9:00 *Breakfast*

Free Morning

12:00 – 1:30 *Lunch*

Presider: Hervé Rigneault

1:30 – 2:10	Randy Bartels	Morgridge, USA
2:10 – 2:50	Jerome Mertz	Boston U., USA
2:50 – 3:30	Sjoerd Stallinga	TU Delft, NL

Break 3:30- 4:00

4:00 – 4:40	Wonshik Choi	Korea U., KR
4:40 – 5:20	Laurent Cognet	U. Bordeaux, FR

6:30 – 7:15 *Town Talk*

Wednesday, July 23 – Afternoon Session

8:30 – 9:00 *Breakfast*

Free Morning

12:00 – 1:30 *Lunch*

Presider: Erwin Peterman

1:30 – 2:10	Chiara Stringari	Ecole Polytechnique, FR
2:10 – 2:50	Eric Potma	UC Irvine, USA
2:50 – 3:30	Chris Xu	Cornell, USA

Break 3:30- 4:00

4:00 – 4:40	Lu Wei	Caltech, USA
4:40 – 5:20	Jeff Squier	Colorado School of Mines, USA

5:30 – 7:30 *Family Picnic*

Thursday, July 24 - Morning Session

8:30 – 9:00 Breakfast

Presider: Monika Ritsch-Marte

9:00 – 9:40	Sixian You	MIT, USA
9:40 – 10:20	Ji-Xin Cheng	Boston U., USA

Break 10:20- 10:50

10:50 – 11:30	Alexander Jesacher	Medical University Innsbruck, AU
11:30 – 12:10	Garth Simpson	Purdue U., USA

12:10 – 1:30 Lunch

Free afternoon

Events & Locations:

Conference site:

[Telluride Innovation Center](#)

Location: 300 S Townsend St., Telluride, CO 81435.

This is the location of our conference

<https://maps.app.goo.gl/C1WXp1hJtNFBRA7p9>

Sunday, July 20, 5:00 pm to 6:30 pm

All-Telluride Science Meet and Greet

Location: [The Alibi](#), 157 S. Fir Street

This is a great opportunity to meet with fellow participants before your meeting. A staff member will be on hand to welcome you and distribute badges.

<https://maps.app.goo.gl/AYEDP6Wx8GNUkwTN8>

Tuesday, July 23, 9:00 am

Group Hike to Bear Creek Falls

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.

Meeting point: S Pine St, Telluride, CO 81435

<https://maps.app.goo.gl/YwzkvE41DZ9LCrzE9>

Tuesday, July 23, 6:30 pm to 7:30 pm

[Town Talk](#)

Location: Telluride Conference Center in Mountain Village

Cash Bar, Doors Open at 6:00 pm

Talk Title: Clean Energy's Reliance on Dirty Magnets: The Source and a Solution

Featured Speaker: Peter Ladwig, Niron Magnetix

<https://maps.app.goo.gl/bStrfwiRjhh73sQi9>

Wednesday, July 24, 5:30 pm - 7:30 pm

All Telluride Science Picnic

Location: Tent behind the Intermediate School, 721 W Colorado Ave, Telluride, CO 81435

Free BBQ, Beer, Wine, and Non-Alcoholic Beverages.

Friends and Family are invited free of charge.

<https://maps.app.goo.gl/3Or9poEyE1VKC1DC7>

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.

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 representative or the workshop organizer. Alert Telluride Science staff, and 911 if appropriate, if you notice a dangerous situation or someone in distress. Reports should be sent to report@telluridescience.org. All reports will be treated confidentially and with discretion.

Values Statement

Telluride Science values 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.

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