

## New Information

### **Monday, June 19, 5:00 pm to 6:30 pm**

#### [All-Telluride Science Meet and Greet](#)

Location: [Oak](#) (250 W San Juan Ave. at the base of the gondola)

This is a good chance to meet up with fellow participants prior to your meeting. A staff member will welcome you and distribute badges.

*\*Please note that this is a NEW location for our Meet & Greet. The Phoenix Bean has permanently closed.*

### **Tuesday, June 20, 6:30 pm to 7:30 pm**

#### [Telluride Science Town Talk](#)

Location: Telluride Conference Center in Mountain Village

Cash Bar, Doors Open at 6:00pm

Talk Title: Future of Agriculture/Agricultural Climate Solutions

Featured Speaker: Adam Chambers and special guests.

### **Wednesday, June 21 5:30 pm - 7:30 pm**

#### [All Telluride Science Picnic](#)

Free BBQ, Beer, Wine, and Non-Alcoholic Beverages. Friends and Family are invited free of charge.

Location: Tent behind the Intermediate School (which is the location for all workshops - 725 W Colorado Ave)

## Molecular Engineering of Soft Matter (Schedule)

LOCATION: Telluride Intermediate School, 721 W Colorado Ave, Telluride

	Tuesday	Wednesday	Thursday	Friday
TIME	6/20/2023	6/21/2023	6/22/2023	6/23/2023
7.45 - 8.00	BREAKFAST (grab and go)	BREAKFAST (grab and go)	BREAKFAST (grab and go)	BREAKFAST (grab and go)
8.00 - 9.00	XX	7 Sharma	13 Muthukumar	19 Biswal
9.00 - 10:00	1 Patel	8 Frechette	14 Loo	20 Pashkovski
10:00 - 10:15	Break	Break	Break	Break
10:15-11:15	2 Nangia	9 Morozova	15 Srivastava	21 Sampath
11:15 -12:15	3 Sprenger	10 Wang	16 Katz	22 Gupta
Break	Noon - 3:00	Noon - 3:00	Noon - 3:00	Noon - 3:00
Free time activities	Group Hikes/Personal time	Group Hikes/Personal time	Personal time	Personal time
3.00 - 4.00	4 Lodge	11 Moz	17 Helms	23 Rajagopal
4.00 - 5.00	5 Harm-Anton	12 Leal	18 Colon	24 Shukla
5.00 - 6.00	6 Mai	PICNIC	--	25 Apka

NOTES: Breakfast and Coffee Break is provided by TSRC. The breakfast is now a "grab and go" breakfast that is available in the coffee break area. Lunch and Dinner on all days are not covered by TSRC.

Please plan to speak for 45 min only. We will have 10 mins for questions after your 45 min talk.

Speaker	Title
<b>Tuesday, June 20</b>	
1 Amish Patel	Characterizing Protein and Polymer Hydration to Inform Their Interactions
2 Shikha Nangia	Molecular origins of self-associating proteins
3 Kayla Sprenger	Moving the Needle: Employing Deep Learning to Push the Boundaries of Computational Vaccine Models
4 Tim Lodge	Mechanism of Escape of a Single Chain from a Diblock Copolymer Micelle
5 Klok Harm-Anton	Mechanochemistry of solvent-swollen surface-grafted polymer brushes, and polymer networks
6 Danielle Mai	Leveraging consensus repeat sequences to engineer calcium-responsive soft materials
<b>Wednesday, June 21</b>	
7 Vivek Sharma	Engineering plant-based foods and sustainable formulations
8 Joelle Frechette	Contact and adhesion in soft materials
9 Svetlana Morozova	Local dynamics of crosslinked hyaluronic acid gels at charged surfaces.
10 Jerry Wang	Excess Entropy Scaling for Transport in Soft and Active Matter: Is a Picture Worth a Thousand Timesteps?
11 Davoud Mozhdzhehi	Greasing Proteins Wheels: Post-translational Lipidation to Manipulate the Assembly and Phase Behavior of Proteins
12 Cecilia Leal	Synergistic structural, mechanical, and transport properties of hybrid biomembranes
<b>Thursday, June 2</b>	
13 M. Muthukumar	Dipole-driven self-assembly of charged macromolecular aggregates
14 Whitney Loo	Self-Healing Directed Self-Assembly of A-b-(B-r-C) Copolymers
15 Samanvaya Srivastava	Complex Coacervate Microemulsions
16 Alfredo Alexander-Katz	TBA
17 Brett Helms	Data-Driven Design of Circular Plastics
18 Yamil Colon	Molecular Modeling of Soft Porous Coordination Polymers
<b>Friday, June 23</b>	
19 Lisa Biswal	Macromolecular Engineering of Silicon-Polyacrylonitrile Electrodes for Lithium-ion Batteries.
20 Eugene Pashkovski	The role of polymer elasticity, adsorption and self-assembly in lubrication problems
21 Janani Sampath	Moving Through Voids: Effect of Free Volume on Penetrant Transport in Amorphous Polymers
22 Rohini Gupta	Innovation at BASF
23 Nandhini Rajagopal	Machine Learning Antibody:Antigen Interface Structures—High Throughput Prediction of Antibody Paratopes
24 Diwakar Shukla	Markov state modeling for engineering of membrane transport proteins
25 Belinda Apka	Start with the end in mind: systems modeling to inform molecular design