**Telluride Science Research Center Workshop**

**“Exploring Nitrogen Activation Mechanism”**

**Meeting Venue:**

**Telluride Intermediate School
725 W Colorado Ave Telluride, CO 81435**

**June 20 – June 24, 2023**

**Organizers Contact Info:**

**Michael Mock: cell phone: 302-545-4179**

**Markus Ribbe: cell phone: 949-232-2774**

|  |
| --- |
| **Monday, June 19, 2023** |
| Participants arrive and acclimate to the 8,750 ft (2,667 m) elevation! |
|  |
| **Tuesday, June 20 (Session Chair Mike)** |
| **8:30 - 9:00 AM** Badge Pick-up and Breakfast |
| **9:00 AM** Welcome and Meeting Introduction |
| **9:15 AM** Kate Brown, DOE |
| **10:00 AM** Leslie Murray, University of Florida  |
| **10:45 AM** Coffee Break |
| **11:15 AM** Johannes Rebelein, Max PIanck Institute for Terrestrial Microbiology Structural and Catalytic Insights into the Iron Nitrogenase |
| **12:00 PM** Break for Lunch |
| **1:45 PM** Yilin Hu, University of California, Irvine |
| **2:30 PM** Paul Chirik, Princeton University |
| **3:15 PM** Adjourn |
| **6:30 PM** Town Talk, Telluride Conference Center in Mountain Village (doors open at 6pm) |

|  |
| --- |
| **Wednesday, June 21 (Session Chair Markus)** |
| **8:30 - 9:00 AM** Breakfast |
| **9:00 AM** Shaama Sharada, University of Southern California |
| **9:45 AM** Sven Schneider, University of Goettingen |
| **10:30 AM** Coffee Break |
| **11:00 AM** Yi Lu, University of Texas at Austin |
| **11:45 AM** Lunch |
| **1:30 PM** Chong Liu, UCLA |
| **2:15 PM** Dan Seuss, MIT  Chemical Modification of Nitrogenase Cofactors |
| **3:00 PM** Adjourn |
| **6:00 - 8:00 PM** Picnic Dinner for all Telluride Workshops and Families |
|  |

|  |
| --- |
| **Thursday, June 22 (Session Chair TBD)** |
| **8:30 - 9:00 AM** Breakfast (and Group Picture) |
| **9:00 AM** Yasuhiro Ohki, Kyoto University  Metal-Sulfur Cubes for Exploring N2 Activation and Silylation Mechanisms |
| **9:45 AM** Marinella Mazzanti, EPFL |
| **10:30 AM** Coffee Break |
| **11:00 AM** Simone Raugei, Pacific Northwest National Laboratory |
| **11:45 AM** Break for Lunch |
| **1:30 PM** Nate Szymczak, University of Michigan |
| **2:15 PM** Paul King, NREL |
| **3:00 PM** Adjourn |
| **6:00 - 8:00 PM** Group Pizza Dinner under the Tent! ($45/person for pizza, salads, and beverages including beer & wine |
|  |

|  |
| --- |
| **Friday, June 23 (Session Chair TBD)** |
| **8:30 - 9:00 AM** Breakfast |
| **9:00 AM** Michael Mock, Montana State University “Chromium Complexes for N2 activation and Catalytic N2 Reduction” |
| **9:45 AM** Markus Ribbe, University of California, Irvine |
| **10:30 AM** Coffee Break |
| **11:00 AM** Per Siegbahn **(VIRTUAL TALK)**, Stockholm University |
| **11:45 PM** Possible Closing Remarks  |
| **12:00 PM**  Break for Lunch / Free time for remainder of the day |
| **2:15 PM** Group Activity (Hike?) |
|  |
|  |
|  |

|  |
| --- |
| **Saturday, June 24 (Final Day of Meeting; no speakers)** |
| 8:30 - 9:00 AM Breakfast |
| 9:00 Possible Closing Remarks and adjourn meeting |

Telluride Science Hosts: Mark Kozak, 970-708-4426

The Picnic address: under the tent outside of the Telluride Intermediate School located at 725 W Colorado Ave, Telluride.

The Town Talk address: Conference Center in Mountain Village from 6:30 pm to 7:30 pm (cash bar starts at 6:00 pm). It is roughly a 35-minute commute from the Intermediate School to the Conference Center.

Breakfast is located at the Telluride Science meeting site on mornings of our workshop. Breakfast “grab and go” items are located right outside of the workshop room so it will be available every morning from 7-9am. Coffee and snacks are provided for all breaks.