

Spectroscopy and Dynamics on Molecular Potential Surfaces  
Co-organizers – Michael Heaven and Anne McCoy

Preliminary schedule as of June 18, 2024

Monday Jul 15 – welcome – organized by TSRC

**Monday, July 15, 5:00pm to 6:30pm**

All-Telluride Science Meet and Greet

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

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

*\*Please note that this is a NEW location for our Meet & Greet.*

Tuesday Jul 16 – morning session 9 AM to 12:20 PM

Chair: Michael Heaven

8:30-8:40 introductions

8:40-9:20 Anne McCoy

9:20-10:00 Marissa Weichman: *New Platforms for Polariton Reaction Dynamics*

10:00-10:20 – break

10:20-11:00 Ned Sibert: *Describing molecular vibrations with oblique coordinates*

11:00-11:40 Mathias Weber: *Investigating Anion Molecular Recognition Complexes with Cryogenic Ion Vibrational Spectroscopy*

11:40-12:20 David Osborn

**Tuesday, July 16, 6:30pm to 7:30pm**

Telluride Science Town Talk

Location: Telluride Conference Center in Mountain Village

Cash Bar, Doors Open at 6:00pm

*Jessica Swanson, University of Utah*

*"Methane: Supercharging Nature's Solution to Reverse Climate Change"*

Wednesday Jul 17 – afternoon session 1:00-4:40 PM

Chair Anne McCoy

1:00-1:40 Tim Zweir

1:40-2:20 Spiridoula Matsika

2:20-2:40 - break

2:40-3:20 Lukas Muechler

3:20-4:00 Terry Miller: *How well can the spin-vibronic structure and spectrum of the methoxy radical be predicted *ab initio*?*

4:00-4:40 Millard Alexander: *A Brief History of the Imprint of Quantum Mechanics on the  $F+H_2$  Reaction*

**Wednesday, July 17, 5:30pm - 7:30pm**

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*)

Thursday Jul 18 – afternoon session 1:30 – 4:30 PM

Chair: Ned Sibert

1:30-2:10 Chris Elles

2:10-2:50 Anna Krylov

2:50-3:10 - break

3:10-3:50 Meredith Jordan

3:50-4:30 Jingsong Zhang

Friday Jul 19 – morning session 9:00 AM

Chair: Millard Alexander

9:00-9:40 Dan Neumark

9:40-10:20 Lyudmila Slipchenko

10:20-10:40 – break

10:40-11:20 Laura McCaslin

11:20-12:00 Mike Heaven