|  |  |
| --- | --- |
| TSRC *Organic Particles in the Atmosphere*  **AGENDA** | Telluride Elementary School at 447 W. Columbia Ave, Telluride CO 81435  Organizers: Chris Cappa, University of California, Davis  Yinon Rudich, Weizmann Institute of Science  TSRC Host: Mark Kozak (970-708-4426) |

## Monday, July 18, 2016

|  |  |  |
| --- | --- | --- |
| **8:15 am – 8:45 am** |  | Breakfast at TSRC |
| **8:45 am – 9:30 am**  ***Discussion Leader:***  ***Yinon Rudich*** |  | **Annmarie Carlton:**  Aerosol water: now you see it, now you don't! |
| **9:30 am – 10:15 am**  ***Discussion Leader:***  ***Yinon Rudich*** | **Faye McNeill:**  Multiphase organic chemistry in aerosols: New techniques and new insights |
| **10:15 am – 10:30 am** | BREAK |
| **10:30 am – 11:15 am**  ***Discussion Leader:***  ***Yinon Rudich*** | **Cort Anastasio:**  The Interplay of Oxidants and Organics in Particles and Drops |
| **11:15 am – 12:00 pm**  ***Discussion Leader:***  ***Yinon Rudich*** | **Hartmut Hermann:**  SOA studies – from the lab to the field: Photosensitizers, HOMs and aqSOA |
| **12:00 pm – 1:00 pm** |  | LUNCH at TSRC |
| ***1:00 pm – 1:45 pm***  ***Discussion Leader:***  ***Chris Cappa*** |  | **Jesse Kroll:**  Multigeneration and multiphase oxidative processing of organic carbon |
| ***1:45 pm – 2:30 pm***  ***Discussion Leader:***  ***Chris Cappa*** |  | **Kevin Wilson:**  The Importance of the Interfacial Chemistry for the Hygroscopicity and CCN Activity of Mixed Organic/Inorganic Aerosols |
| ***2:30 pm – 2:45 pm*** |  | BREAK |
| ***2:45 pm –3:30 pm***  ***Discussion Leader:***  ***Chris Cappa*** |  | **Kim Prather:**  What controls the selective transfer of biological and organic species from the ocean to the atmosphere in sea spray aerosols? |

## Tuesday, July 19, 2016

|  |  |  |
| --- | --- | --- |
| **8:00 – 1:30 pm** |  | **BREAK** |
| **1:30 pm –2:15 pm**  ***Discussion Leader:***  ***Annmarie Carlton*** |  | **Alex Laskin:**  Airborne Soil Organic Particles |
| **2:15 pm – 3:00 pm**  ***Discussion Leader:***  ***Annmarie Carlton*** | **Jon Abbatt:**  Exploring the Nature of Organic Aerosol in the Canadian High Arctic |
| **3:00 pm – 3:30 pm** | BREAK |
| **3:30 pm – 4:15 pm**  ***Discussion Leader:***  ***Annmarie Carlton*** | **Lynn Russell:**  Comparing Mass-Based and Number-Based Techniques for Measuring the Organic Composition of Atmospheric Aerosols |
| **4:15 pm – 5:00 pm**  ***Discussion Leader:***  ***Annmarie Carlton*** | **Jose Jimenez:**  Investigating the sources of SOA with field, modeling, and lab studies |
| **5:00 pm – 6:00 pm** |  | **TSRC Town Talk Pre-Event, Cash Bar, Meet the Speaker 5:00-6:00pm** |
| **6:00 pm – 7:15 pm** |  | **TSRC Town Talk** Conference Center in Mountain Village |

## Wednesday, July 20, 2016

|  |  |  |
| --- | --- | --- |
| **8:15 am – 8:45 am** |  | Breakfast at TSRC |
| **8:45 am – 9:30 am**  ***Discussion Leader:***  ***Jesse Kroll*** |  | **Astrid Kiendler-Scharr:**  The role of NOx and NO3 in SOA formation |
| **9:30 am – 10:15 am**  ***Discussion Leader:***  ***Jesse Kroll*** | **Sally Ng:**  Effects of anthropogenic emissions on biogenic SOA formation (with some health effects) |
| **10:15 am – 10:30 am** | BREAK |
| **10:30 am – 11:15 am**  ***Discussion Leader:***  ***Cort Anastasio*** | **Jason Surratt:**  Evaluating the Potential Toxicogenomic Effects in Human Lung Cells Induced by Isoprene-Derived Secondary Organic Aerosol |
| **11:15 am – 12:00 pm**  ***Discussion Leader:***  ***Cort Anastasio*** | **Yinon Rudich:**  Potential influences of mineral and re-suspended urban dusts on health |
| **12:00 pm – 12:15 pm** |  | BREAK |
| **12:15 pm – 1:00 pm**  ***Discussion Leader:***  ***Cort Anastasio*** |  | **Rodney Weber:**  Ambient aerosols and Health: Does PM2.5 Oxidative Potential Play a Role? |
| **1:00 pm – 6:00 pm** |  | BREAK |
| **6:00 pm – 8:00 pm** |  | **PICNIC**  Telluride Elementary School @ 447 W Columbia Ave. |

## Thursday, July 21, 2016

|  |  |  |
| --- | --- | --- |
| **8:00 am – 1:00 pm** |  | **BREAK** |
| **1:00 pm – 1:45 pm**  ***Discussion Leader:***  ***Faye McNeill*** |  | **Dominick Spracklen:**  Impacts of land-use change and vegetation fires on organic aerosol and climate |
| **1:45 pm – 2:30 pm**  ***Discussion Leader:***  ***Faye McNeill*** | **Chris Cappa:**  Brown carbon from localized field measurements |
| **2:30 pm – 3:00 pm** | BREAK |
| **3:00 pm – 3:45 pm**  ***Discussion Leader:***  ***Faye McNeill*** | **Colette Heald:**  Absorption and Mass: Thoughts on Brown Carbon and the Total Reactive Carbon Budget |
| **3:45 pm – 4:30 pm**  ***Discussion Leader:***  ***Faye McNeill*** |  | **Neil Donahue:**  How organics drive condensational growth of freshly nucleated particles: ELVOCs and LVOCs may sound the same to you, but they are very different to me. |
| **4:30 pm – 4:45 pm** |  | **BREAK** |
| **4:45 pm – 5:30 pm**  ***Discussion Leader:***  ***Chris Cappa*** |  | **Joint session with the gas-phase workshop**  **Joel Thornton:**  Isoprene, RO2 isomerization, and SOA |
| **6:00 pm –8:00 pm** |  | **Dinner at Rustico, 114 E. Colorado Ave.** |

## Friday, July 22, 2016

|  |  |  |
| --- | --- | --- |
| **8:15 am – 8:45 am** |  | **Breakfast at TSRC** |
| **8:45 am – 9:30 am**  ***Discussion Leader:***  ***Chris Cappa*** |  | **Thomas Mentel:**  Formation of highly oxidized molecules (HOM/ELVOC), their importance, and their role in secondary organic aerosol formation |
| **9:30 am - 10:15 am**  ***Discussion Leader:***  ***Chris Cappa*** | **Doug Worsnop:**  Observation of HOM, highly oxidized multiifunctional organics; implications for new particle formation and SOA |
| **10:15 am – 10:45 am** | Parting Words, Future Chairs, etc. |
|  | **END** |
|  |  |