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| TSRC *Organic Particles in the Atmosphere*  **AGENDA** | Telluride Intermediate School at 725 W. Colorado Ave, Telluride CO 81435  Organizers: Joel Thornton, University of Washington  Dominick Spracklen, University of Leeds  TSRC Hosts: Nana Naisbitt [970-708-0004](tel:970-708-0004" \t "_blank)  Rory Sullivan [970-708-4542](tel:970-708-4542" \t "_blank) |

## Monday, July 28, 2014

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| **8:00 am – 8:30 am** |  | **Breakfast at TSRC** |
| **8:30 am – 9:30 am**  ***Discussion Leader:***  ***Joel Thornton*** |  | **Jose Jimenez:**  Constraining SOA sources and properties with field measurements |
| **9:30 am – 10:30 am**  ***Discussion Leader:***  ***Joel Thornton*** | **Jesse Kroll:**  Comprehensive(-ish) characterization of total atmospheric organic carbon |
| **10:30 am – 11:00 am** | BREAK |
| **11:00 am – 12:00 pm**  ***Discussion Leader:***  ***Faye McNeill*** | **Allen Robinson:**  SOA formation from IVOCs during CalNex |
| **12:00 pm – 1:00 pm**  ***Discussion Leader:***  ***Faye McNeill*** | **Kelley Barsanti:**  Secondary Organic Aerosol and the Elements: Fire and Water (biomass burning SOA and the role of water in SOA formation) |
| **1:00 pm – 7:00 pm** | **BREAK** |
| **7:00 pm – 8:00 pm**  ***Discussion Leader:***  ***Jim Smith*** |  | **Paul Ziemann:**  Mechanistic Studies of SOA Formation |
| **8:00 pm – 9:00 pm**  ***Discussion Leader:***  ***Jim Smith*** |  | **Chris Cappa:**  SOA formation in laboratory chambers |

## Tuesday, July 29, 2014

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| **8:00 am – 8:30 am** |  | **Breakfast at TSRC** |
| **8:30 am – 9:30 am**  ***Discussion Leader:***  ***Colette Heald*** |  | **Dominick Spracklen:**  Climate impacts of organic aerosol |
| **9:30 am – 10:30 am**  ***Discussion Leader:***  ***Colette Heald*** | **Ilona Riipinen:**  Organics and atmospheric aerosol numbers: From molecular to global scale |
| **10:30 am – 11:00 am** | BREAK |
| **11:00 am – 12:00 pm**  ***Discussion Leader:***  ***Jon Abbatt*** | **Jim Smith:**  What are field measurements telling us about the role of organics in new particle formation and growth? |
| **12: 00 pm – 1:00 pm**  ***Discussion Leader:***  ***Jon Abbatt*** | **Doug Worsnop:**  Role of Secondary Organics in New Particle Formation |
| **1:00 pm – 3:00 pm** | **BREAK** |
| **3:00 pm – 4:00 pm**  ***Discussion Leader:***  ***Jesse Kroll*** |  | **Joel Thornton:**  Attack of the Peroxides: the ELVOC empire, NOx duplicity, and the saving grace of IEPOX(?) |
| **4:00 pm – 5: 00 pm**  ***Discussion Leader:***  ***Jesse Kroll*** |  | **Neil Donahue:**  SOA mass balance constraints on ELVOC production from alpha-pinene + ozone |
| **5:15 pm – 6:00 pm** |  | **TSRC Town Talk Pre-Event, Cash Bar, Meet the Speaker 5:15-6:00pm** |
| **6:00 pm – 7:15 pm** |  | **TSRC Town Talk** Conference Center in Mountain Village |

## Wednesday, July 30, 2014

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| **8:00 am – 1:00 pm** |  | **BREAK** |
| **1:00 pm – 2:00 pm**  ***Discussion Leader:***  ***Dom Spracklen*** |  | **Colette Heald:**  Observational constraints on global modeling of organic aerosol |
| **2:00 pm – 3:00 pm**  ***Discussion Leader:***  ***Dom Spracklen*** | **Peter Adams:**  Global organic aerosols: models and observations |
| **3:00 pm – 3:30 pm** | BREAK |
| **3:30 pm – 4:30 pm**  ***Discussion Leader:***  ***Dom Spracklen*** | **Lynn Russell:**  Similarities and Differences in Marine Organic Aerosol Composition |
| **4:30 pm – 5:30 pm**  ***Discussion Leader:***  ***Dom Spracklen*** | **Hugh Coe:**  Unanswered questions - a trip from London to the Amazon |
| **6:00 pm – 8:00 pm** | **PICNIC**  Ah Haa School for the Arts, 300 S. Townsend |

## Thursday, July 31, 2014

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| **8:00 am – 8:30 am** |  | **Breakfast at TSRC** |
| **8:30 am – 9:30 am**  ***Discussion Leader:***  ***Kelley Barsanti*** |  | **Faye McNeill:**  Aerosol organics: Formation and processing in the aqueous phase |
| **9:30 am – 10:30 am**  ***Discussion Leader:***  ***Kelley Barsanti*** | **Kevin Wilson:**  Experiments and Simulations of Multiphase Reactive Uptake and the Role of Water and Phase in Controlling Organic Aerosol Transformations |
| **10:30 am – 11:00 am** | BREAK |
| **11:00 am – 12:00 pm**  ***Discussion Leader:***  ***Jason Surratt*** | **Allan Bertram:**  Phase transitions and viscosities in organic particles and organic-inorganic salt particles |
| **12:00 pm – 1:00 pm**  ***Discussion Leader:***  ***Jason Surratt*** | **Yinon Rudich:**  Optical properties measurements of aging organic aerosol in the UV range using broadband and CRD methods |
| **1:00 pm – 7:00 pm** | **BREAK** |
| **7:00 pm – 8:00 pm**  ***Discussion Leader:***  ***Lynn Russell*** |  | **Jon Abbatt:**  A foray into the world of black and brown carbon |
| **8:00 pm – 9:00 pm**  ***Discussion Leader:***  ***Lynn Russell*** |  | **Geoff Smith:**  What makes “brown carbon” aerosols brown? |

## Friday, August 01, 2014

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| **8:00 am – 8:30 am** |  | **Breakfast at TSRC** |
| **8:30 am – 9:30 am**  ***Discussion Leader:***  ***Joel Thornton*** |  | **Jason Surratt:**  SOA Formation from Isoprene-Derived Epoxides:  Laboratory and Field Studies |
| **9:30 am - 10:30 am**  ***Discussion Leader:***  ***Joel Thornton*** | **Havala Pye:**  Capturing interactions of the isoprene SOA system with NOX and SOX emissions |
| **10:30 am – 11:00 am** | Parting Words, Future Chairs, etc. |
|  | **END** |
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