### **ACCORD 2015 WORKSHOP AGENDA**

# UCAR CENTER GREEN (Building 1) = 3090 Center Green Court, Boulder CO 80301

# Monday, 30 March 2015

| 8:15 - 8:45 am  | Registration, Continental Breakfast   |
|---|---|
| 8:45 - 9:40   | Introductions and Workshop Goals  |
| 8:45 - 9:05   | Introductory Remarks / Welcome from ACD and EOL Directors (D. Edwards, ACD and V. Grubišić, EOL)  |
| 9:05 - 9:25   | Introductory Remarks from NSF (P. Shepson, S. Edgerton)   |
| 9:25 - 9:40   | Workshop Goals and Structure (G. Huey, ACCORD Co-chair)   |
| 9:40 - 10:00  | Overview Presentation – SCIENCE TOPIC #1 – Secondary Organic Aerosol (J. Smith)   |
| 10:00 - 10:20   | Overview Presentation – SCIENCE TOPIC #2 - Emissions/Deposition/Biosphere-Atmosphere Exchange (C. Heald)  |
| 10:20 - 10:40   | Break   |
| 10:40 - 11:00   | Overview Presentation – SCIENCE TOPIC #3 – Reactive Nitrogen (G. Huey)  |
| 11:00 - 11:20   | Overview Presentation – EARLY CAREER SCIENTISTS (J. Orlando)  |
| 11:20 - 11:40   | Overview Presentation – SCIENCE TOPIC #4 – Aerosol Optical Properties and related issues (A.M. Carlton)   |
| 44 40 40 00   |   |
| 11:40 - 12:00   | Overview Presentation – GENERAL FACILITES DISCUSSIONS (B. Stephens)   |
| 11:40 - 12:00<br>12:00 - 1:15 pm  |   |
|   |   |
| 12:00 - 1:15 pm   | Lunch   |
| 12:00 - 1:15 pm<br>1:15 - 1:55  | Lunch Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  |
| 12:00 - 1:15 pm<br>1:15 - 1:55<br>1:55 - 2:15   | Lunch  Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  Overview Presentation – Procedures for requesting NSF LAOF FACILITIES (B. Baeuerle)  Overview Presentation – SCIENCE TOPIC #5 – Regional and global oxidant budgets and  |
| 12:00 - 1:15 pm<br>1:15 - 1:55<br>1:55 - 2:15<br>2:15 - 2:35  | Lunch  Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  Overview Presentation – Procedures for requesting NSF LAOF FACILITIES (B. Baeuerle)  Overview Presentation – SCIENCE TOPIC #5 – Regional and global oxidant budgets and chemistry (B. Brune)   |
| 12:00 - 1:15 pm<br>1:15 - 1:55<br>1:55 - 2:15<br>2:15 - 2:35  | Lunch  Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  Overview Presentation – Procedures for requesting NSF LAOF FACILITIES (B. Baeuerle)  Overview Presentation – SCIENCE TOPIC #5 – Regional and global oxidant budgets and chemistry (B. Brune)  Charge to Breakout Groups (J. Orlando / G. Huey)   |
| 12:00 - 1:15 pm<br>1:15 - 1:55<br>1:55 - 2:15<br>2:15 - 2:35<br>2:35 - 2:45<br>2:45 - 3:00                | Lunch  Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  Overview Presentation – Procedures for requesting NSF LAOF FACILITIES (B. Baeuerle)  Overview Presentation – SCIENCE TOPIC #5 – Regional and global oxidant budgets and chemistry (B. Brune)  Charge to Breakout Groups (J. Orlando / G. Huey)  Break  First Breakout Session (5 parallel sessions, brainstorming on five of the seven topics  |
| 12:00 - 1:15 pm<br>1:15 - 1:55<br>1:55 - 2:15<br>2:15 - 2:35<br>2:35 - 2:45<br>2:45 - 3:00<br>3:00 - 3:50 | Lunch  Overview Presentation – NSF LAOF FACILITIES OVERVIEW (L. Avallone)  Overview Presentation – Procedures for requesting NSF LAOF FACILITIES (B. Baeuerle)  Overview Presentation – SCIENCE TOPIC #5 – Regional and global oxidant budgets and chemistry (B. Brune)  Charge to Breakout Groups (J. Orlando / G. Huey)  Break  First Breakout Session (5 parallel sessions, brainstorming on five of the seven topics from above)  Second Breakout Session (5 parallel sessions, brainstorming on five of the seven topics |

### **ACCORD 2015 WORKSHOP AGENDA**

# UCAR CENTER GREEN (Building 1) = 3090 Center Green Court, Boulder CO 80301 Tuesday, 31 March 2015

| 8:00 - 8:30am           | Continental Breakfast   |  |  |  |
|-------------------------|---|--|--|--|
| 8:30 - 9:20             | <u>Third Breakout Session</u> (5 parallel sessions, brainstorming on five of the seven topics from above)   |  |  |  |
| 9:20 - 10:10            | <u>Fourth Breakout Session</u> (5 parallel sessions, brainstorming on five of the seven topics from above)  |  |  |  |
| 10:10 - 10:30           | Break   |  |  |  |
| 10:30 - 12:15           | Updates from 7 rapporteurs (12 - 15 min. each). Charge to breakout groups   |  |  |  |
| 12:15 - 1:15pm          | Lunch   |  |  |  |
| 1:15 - 2:10             | <u>Fifth Breakout Session</u> (4 parallel sessions – SCIENCE TOPICS #3, 4, 5 & FACILITIES) - work to hone ideas collected into something cohesive; generate outlines for potential collaborative field experiments, instrument development activities, etc., needed to address science questions. |  |  |  |
| 2:10 - 2:25             | Break   |  |  |  |
| 2:25 - 3:20             | <u>Sixth Breakout Session</u> (3 parallel sessions – SCIENCE TOPICS #1, 2 & EARLY CAREER) - work to hone ideas collected into something cohesive; generate outlines for potential collaborative field experiments, instrument development activities, etc., needed to address science questions.  |  |  |  |
| 3:20 - 4:00             | Plenary Presentation / Discussion / Next Steps – SCIENCE TOPIC #1   |  |  |  |
| 4:30 - 6:30             | National Academies' Panel Town Hall   |  |  |  |
| Wednesday, 1 April 2015 |   |  |  |  |
| 8:00 - 8:15 am          | Continental Breakfast   |  |  |  |
| 8:15 - 8:55             | Plenary Presentation / Discussion / Next Steps – SCIENCE TOPIC #4   |  |  |  |
| 8:55 - 9:35             | Plenary Presentation / Discussion / Next Steps – SCIENCE TOPIC #3   |  |  |  |
| 9:35 - 10:15            | Plenary Presentation / Discussion / Next Steps – SCIENCE TOPIC #2   |  |  |  |
| 10:15 - 10:30           | Break   |  |  |  |
| 10:30 - 11:10           | Plenary Presentation / Discussion / Next Steps – FACILITIES   |  |  |  |
| 11:10 - 11:50           | Plenary Presentation / Discussion / Next Steps – SCIENCE TOPIC #5   |  |  |  |
| 11:50 - 12:30           | Plenary Presentation / Discussion / Next Steps – EARLY CAREER SCIENTISTS  |  |  |  |
| 12:30 - 1:30            | Lunch   |  |  |  |
| 1:30 - onward           | Time for Informal Discussions, Lab Tours, Organizing/Writing of White Papers for Those Staying Around   |  |  |  |

### **ACCORD 2015 WORKSHOP AGENDA**

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#### **BREAKOUT SCHEDULE**

| First Breakout Session   | Monday March 30  | 3:00 - 3:50 pm  |
|--|--|---|
| CG1 – 2126<br>CG1 – Main Theatre<br>CG1 – 3131<br>CG1 – 2503<br>CG1 – Boardroom      | General Facilities Regional and Global Oxidants Emissions / Deposition / BAI Aerosol Optical / Physical Properties Reactive Nitrogen   | (Stephens)<br>(Brune)<br>(Heald)<br>(Carlton)<br>(Huey)             |
| Second Breakout Session  | Monday March 30  | 4:00 - 4:50 pm  |
| CG1 – 2126<br>CG1 – Main Theatre<br>CG1 – 3131<br>CG1 – 2503<br>CG1 – Boardroom      | Early-Career Scientists Secondary Organic Aerosol Emissions / Deposition / BAI Aerosol Optical / Physical Properties Reactive Nitrogen | (Orlando/Wiedinmyer)<br>(Smith)<br>(Heald)<br>(Carlton)<br>(Huey)   |
| Third Breakout Session   | Tuesday March 31   | 8:30 - 9:20 am  |
| CG1 – 2126<br>CG1 – North Theatre<br>CG1 – South Theatre<br>CG1 – 2503<br>CG1 – 3131 | General Facilities Secondary Organic Aerosol Regional and Global Oxidants Aerosol Optical / Physical Properties Reactive Nitrogen      | (Stephens)<br>(Smith)<br>(Brune)<br>(Carlton)<br>(Huey)             |
| Fourth Breakout Session  | Tuesday March 31   | 9:20 - 10:10 am   |
| CG1 – 2126<br>CG1 – North Theatre<br>CG1 – South Theatre<br>CG1 – 2503<br>CG1 – 3131 | General Facilities Secondary Organic Aerosol Regional and Global Oxidants Early-Career Scientists Emissions / Deposition / BAI         | (Stephens)<br>(Smith)<br>(Brune)<br>(Orlando/Wiedinmyer)<br>(Heald) |
| Fifth Breakout Session   | Tuesday March 31   | 1:15 - 2:10 pm  |
| CG1 – 2126<br>CG1 – Main Theatre<br>CG1 – 3131<br>CG1 – Boardroom                    | General Facilities<br>Regional and Global Oxidants<br>Reactive Nitrogen<br>Aerosol Optical Properties                                  | (Stephens)<br>(Brune)<br>(Huey)<br>(Carlton)                        |
| Sixth Breakout Session   | Tuesday March 31   | 2:25 - 3:20 pm  |
| CG1 – 2126<br>CG1 – Main Theatre<br>CG1 – 3131                                       | Early-Career Scientists Secondary Organic Aerosol Emissions / Deposition / BAI   | (Orlando/Wiedinmyer)<br>(Smith)<br>(Heald)                          |