**COSMIC Annual Program Review Agenda**  
**5-6 November 2015**  
**The Estes Park Resort**  
1700 Big Thompson Ave  
Estes Park, CO 80517  
Phone: 970-577-6400  

**Thursday 5 November**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:45-9:00</td>
<td><strong>Working Breakfast</strong></td>
<td>Sundance/Maverick Ballroom</td>
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<td></td>
<td>Collaborative round table discussions</td>
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<td>8:00-9:00</td>
<td><strong>Executive Session</strong> – Agency/COSMIC Management Meeting</td>
<td>Boardroom</td>
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<td>9:00-12:00</td>
<td><strong>Morning Session</strong></td>
<td>Sundance/Maverick Ballroom</td>
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<td>9:00-9:15</td>
<td>Purpose of Annual Program Review and Introductions (Bill Kuo)</td>
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<td>9:15-10:00</td>
<td>Opening talk: Recent Advances in Radio Occultation Science and Applications and a look at the Future (Rick Anthes)</td>
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<td>10:00-10:15</td>
<td>Break and Group Photo</td>
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<td>10:15-10:45</td>
<td>COSMIC-1 and CDAAC Status (Bill Schreiner and Doug Hunt)</td>
<td>Chair: Nick Pedatella Rapporteur: Janet Zeng</td>
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<td>10:45-11:00</td>
<td>COSMIC-2 Status – Brief overview (Dave Ector)</td>
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| 11:00-11:45| External Invitee Invitees present their perspectives on COSMIC-1 and COSMIC-2. | Lidia Cucurull, NOAA  
Eric DeWeaver, NSF  
Jack Kaye, NASA  
Joe Pica, NWS  
Chair: Bill Kuo Rapporteur: Jan Weiss |
| 11:45-13:00| **Working Lunch**                                                   | Waterfront Grille Mezzanine     |
|          | Collaborative round table discussions                                 |                                 |
| 13:00-14:30| **Informal Discussions**                                             |                                 |
| 14:30-18:00| **Afternoon Session**                                                | Sundance/Maverick Ballroom      |
| 14:30-16:30| Presentations (15 min each, with time for discussion)                |                                 |
|          | Climate (Ben Ho)                                                     |                                 |
|          | Space Weather (Nick Pedatella)                                       |                                 |
|          | RO Retrievals (Sergey Sokolovskiy)                                   |                                 |
|          | Weather (Bill Kuo)                                                  |                                 |
|          | GNSS Processing and Applications (John Braun)                       |                                 |
|          | Chair: Jan Weiss Rapporteur: Therese Rieckh                         |                                 |
16:30-17:30 Breakout Sessions
   1. Software engineers Rapporteur: Jason Lin
   2. Administrators Rapporteur: Heather Davis
   3. Climate, weather, space weather, ionosphere Rapporteur: Ben Ho
   4. GNSS infrastructure and advanced processing Rapporteur: Teresa VanHove

18:00-19:00 Working Dinner
   Collaborative round table discussions
Waterfront Grille Mezzanine

19:15 Evening Entertainment (Chair: Maggie Sleziak)
   Sundance/Maverick Ballroom

Friday 6 November

7:15-8:00 Working Breakfast
   Collaborative round table discussions
Sundance/Maverick Ballroom

7:15-8:00 Executive Session – Agency/COSMIC Management Meeting
   Boardroom

8:00-10:00 Morning Session
   Sundance/Maverick Ballroom
   COSMIC-2 Detailed Updates (15 minutes each)
   - Spacecraft and TGRS status (Dave Ector)
   - CDAAC updates (Doug Hunt)
   - IT infrastructure (Jose Castilleja)
   - GNSS ground infrastructure (John Braun)
   - Orbit and clock determination (Jan Weiss)
   - Ionosphere processing (Nick Pedatella)
   - Radio occultation science (Sergey Sokolovskiy)
   Chair: Jan Weiss Rapporteur: Bill Schreiner

10:00-10:15 Break

10:15-11:00 Rapporteur Summaries (3-5 min summaries of previous sessions)

11:00-12:00 Beyond COSMIC-2 – Long-Range Vision for the UCAR COSMIC Program
   (5 minutes for each panel member)
   Panel discussion moderated by Eric DeWeaver
   Panel members: John Braun, Ben Ho, Nick Pedatella, Sergey Sokolovskiy, Jan Weiss, Xinan Yue, Janet Zeng, Dave Ector
   Rapporteur: Maggie Sleziak

12:00-12:15 Summary and Conclusions (Bill Kuo)

12:15-13:00 Working Lunch
   Collaborative round table discussions
Waterfront Grille Mezzanine

13:00 Adjourn