



LEAG

Continuous Lunar Orbital Capabilities Specific Action Team Community Kick-off

Dr. Carle Pieters, CLOC-SAT Co-chair

Dr. Benjamin Greenhagen, CLOC-SAT Co-chair

15 February 2022



Goals of the Kick-off Workshop

- **Describe the anticipated scope of the CLOC-SAT**
- **Motivate and gauge community interest and support**
- **Initiate community discussion that will result in follow-up inputs**
- **Encourage community members to get involved in the effort**
 - Self-nomination to serve on the CLOC-SAT
 - Submission of short 'white papers' as direct input into the SAT's discussions

Agenda

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|--------------------------------|--------------|----------------------------------|--|
| Introduce CLOC-SAT | 14:30 | | |
| | | Carle Pieters and Ben Greenhagen | Welcome / Logistics |
| | | Ben Greenhagen | CLOC-SAT Goals and Objectives / LEAG Efforts |
| Topical Perspectives | 14:50 | | |
| | | Maria Banks Clive Neal | Orbital capabilities needed to support surface operations and surface science investigations |
| | | Angela Stickle | Benefits of long-term orbital capabilities |
| | | Brad Jolliff | Key lunar science questions achievable through state-of-the-art orbital investigations |
| Introduce Discussions | 15:40 | | |
| | | Carle Pieters | Why / What / How Discussion Structure |
| Transition to Breakouts | | | |
| Breakout Discussions | 15:55 | | |
| | | Mark Robinson & Brett Denevi | "Why" Breakout Discussion (Science Goals/Objectives) |
| | | Julie Stopar & Carle Pieters | "What" Breakout Discussion (Measurements) |
| | | John Keller & Ben Greenhagen | "How" Breakout Discussion (Architectures/Implementation) |
| Transition to Plenary | | | |
| Community Engagement | 16:30 | | |
| | | Ben Greenhagen & Carle Pieters | Timeline; Member Nominations; Call for White Papers |
| | | CLOC-SAT Core | Closing Q&A / Discussion |
| Adjourn | 17:00 | | |