



Joint ICG-IOAG Multilateral Cislunar PNT Workshop

11–13 February 2025 | Vienna, Austria and broadcast

Session 4: GNSS Lessons Learnt

Workshop on Cislunar Positioning, Navigation, and Timing (PNT)

11 - 13 FEBRUARY 2025
VIENNA INTERNATIONAL CENTRE, AUSTRIA

Jointly organized by
the International Committee on Global Navigation Satellite Systems (ICG) and
the Interagency Operations Advisory Group (IOAG)

Session 4 Agenda

Session 4: GNSS Lessons Learned (Co-Chairs: Jörg HAHN (ESA), Xinuo CHANG (CAST))	
09:00 - 09:05	Session introduction (scope and presenters), <i>Jörg HAHN (ESA) and Xinuo CHANG (CAST)</i>
09:05 - 09:15	Brief considerations on Timing Interoperability, <i>Jörg HAHN (ESA)</i>
09:15 - 09:30	ICG Interoperability Lessons Learned, <i>Jeffrey AUERBACH (U.S. Department of State)</i>
09:30 - 09:45	Evolution and Integration of BDS: Experiences Sharing With the Moon, <i>Xinuo CHANG (CAST)</i>
09:45 - 10:00	Experiences From GNSS Space Receiver Design and Operations of Relevance for Lunar Exploration, <i>Oscar POZZOBON (Qascom)</i>
10:00 - 10:15	IGS Goes to the Moon?!, <i>Rolf DACH (Uni Bern), Erik SCHOENEMANN (ESA), Allison CRADDOCK (JPL, online)</i>
10:15 - 10:30	How CCSDS can contribute to Cislunar PNT interoperability, <i>Daniel FISCHER (ESA), Ignacio AGUILAR (ESA, online)</i>
10:30 - 10:45	Designing Lunar Navigation Satellite Systems, <i>Grace GAO (Stanford University)</i>
10:45 - 11:00	Break