

International Academy of Astronautics

<http://www.iaaweb.org>

Commission III Meeting Agenda

19 October 2019

13h00-16h00

**Walter E. Washington Convention Center, Room 143C
801 Mount Vernon Place, NW, WASHINGTON DC, 20001, USA**

- 1. Welcome**
- 2. Adoption of the Agenda-Approved**
- 3. Adoption of the Minutes of Commission III meeting from Paris 2019-Approved**
- 4. Commission III membership to be confirmed**
- 5. IAA Cosmic Studies**
 - Study Group 3.18 Possible International Protocol to handle Crisis/Emergency of Astronauts in Low Earth Orbit - Ramakrishnan/Unnikrishnan Nair- complete
 - Study Group 3.19 Feasibility study of Standardized Career Dose Limits in LEO and outlook for BLEO - Mckenna-Lawlor-find status
 - Study Group 3.21 Space Disposal of Radioactive Waste – Degtyarev- no representative
 - Study Group 3.22 Next-Generation Space System Development Basing on On-Orbit-Servicing Concept - Razoumny/Agrawal/Ji Simei-no representative
 - Study Group 3.24 Road to Space Elevator Era - Tsuchida/Raitt/Swan/ Takahashi-report and book completed
 - Study Group 3.25 The Maintainability and Supportability of Deep Space Manned Spacecrafts -Yang Hong/Zhang Dapeng-no representative
 - Study Group 3.26 Space Mineral Resources #2 - Dula/Zhuang F./Lenard
 - Study Group 3.27 Towards the utilization of the Moon, Preparing for Mars Exploration - Genta/Ventskovsky/Johnson-no representative
 - Study Group 3.28 Strategy of Low Cost and Large Scale Access to Space in Future - Lu Yu/Reibaldi/Wang Xiaowei-no representative

- Study Group 3.29 Strategy and Feasibility Assessment of Collision Protection from Asteroid and Comet: Concept, Technology, and Prospect - Bao Weimin- no representative
- Study Group 3.30 Space and its Utility in Forecasting Climate Change - Roger Lenard
- Study Group 3.31 Decadal assessment of Space Solar Power- presentation provided by J. Mankins
- Study Group 3.32 Autonomous Dynamic Trajectory Optimal Control of Launch Vehicles - Zhengyu Song- no representative

6. COMMISSION III MEMBERS ATTENDANCE LIST

- Chair, Roger Lenard, Present, rxlenard@gmail.com
- Vice-Chair, Giancarlo Genta, Absent (unable to afford travel)
- Secretary, Yury Rozumny, Absent, unable to obtain visa
- Acting Secretary, Peter Swan, Present, peteswan1@gmail.com
- Member, Chris Welch, Present, chris.welch@isonet.edu
- Member, Jukola Paivi, Present, paivi.jukola@aulto.fi
- Member, Art Dula, Present, art@dula.com
- Member, Ken Davidian, Present – moving to Commission V, ken.davidian@faa.gov
- Member, Yoji Ishikawa, Present, ishikawa.yoji@co.jp
- Member, Randall Sweet, Present, randy.sweet@lmco.com
- New Member, David Spencer, Present, dbs9@psu.edu
- Member, John Mankins, Present, john.c.mankins@yahoo.com
- New Member, Jan Balaz, Present, jan.balaz@saske.sk
- New Member Janos Solymosi, Present, janos@solymosi.space
- New Member, Helen Tung, helentung.tlc@gmail.com
- New Member, Bruce C. Chesley, bruce.c.chesley@boeing.com
- New Member, Jim Keravala, jim.keravala@offworld.ai
- New Member, Adnan al-raï, adnan.alraï@mbrsc.ae
- New Member, Joseph Landon, joe.landon@lmco.com

7. IAA Conferences

- 21-25 October 2019, 70th International Astronautical Congress (IAC), Washington DC
- Global Exploration Conference – June 2020, St. Petersburg, Russia

8. PUBLICATIONS (ACTA ASTRONAUTICA AND IAA BOOK SERIES)

9. IAA Heads of Space Agencies Summits

10. Report for the Scientific Activities Committee

Commission Chair

11. Other Business: Commission III leadership members' rotations. Commission III

Should refocus its energies on replenishing members by actively recruiting new Commission members
Streamline final approval and publishing and printing
CC chair on reports

12. Adjourn