

Towards Zero-Debris AOCS and GNC Systems

Bénédicte Girouart
Davide Oddenino
Massimo Casasco
Olivier Dubois-Matra
Vasco Pereira

(Benedicte.Girouart@esa.int)
(Davide.Oddenino@esa.int)
(Massimo.Casasco@esa.int)
(Olivier.Dubois-Matra@esa.int)
(Vasco.Pereira@esa.int)

14/11/2023

ESA wishes to lead by example, fostering the development of a new zero debris platform and inspiring others to follow.

Josef Aschbacher, ESA Director General

| | | |
|-------|---|---|
| 14:10 | CIMR Re-Entry Strategy and Challenges | by Francesco Santilli (Thales Alenia Space - Italy) |
| 14:40 | Passive Detumbler Design for LEO Missions | by Maxime Senes (Airbus DS - France) |
| 15:10 | A Sensor Suite for Close Proximity Operations and Object Detection in the Vicinity of Spacecrafts | by Max Moeller (JenaOptronik) |
| 15:40 | GNC for an Active Debris Removal Mission | by Jean-Sébastien Ardaens (ClearSpace) |
| 16:10 | Coffee Break | |
| 16:40 | AEOLUS Assisted De-Orbiting | by Angel Miguel Fernandez Lois (ESOC) |
| 17:10 | Evolution of ESA Debris Mitigation Policy | by Francesca Letizia (ESA) |