



TRISMAC

Trilateral Safety and Mission Assurance Conference 2024

24-26 June 2024

ESA-ESRIN | Frascati (RM), Italy

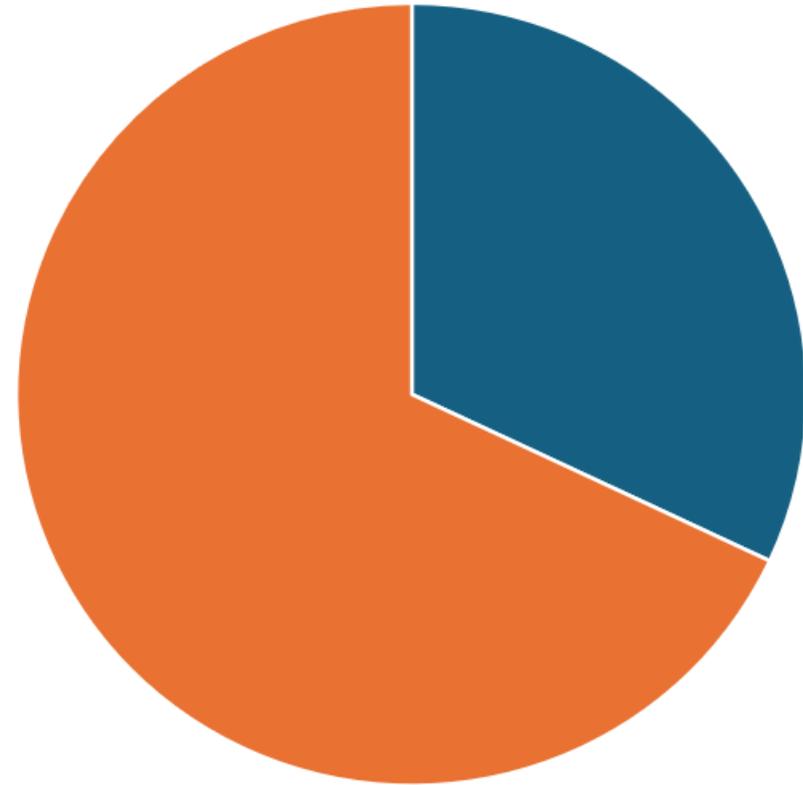
Britta Schade
Head of the Product Assurance and Safety Department

Ref: ESA-TECQ-HO-2024-002034

How did it go?



% Total Presenters



■ F ■ M

100 participants

43 speakers

Summary



Exchange on challenges on the journey from LEO to Moon and Mars: new suits, tools, vehicles...

Change of governance and regulatory framework: Space Debris Mitigation and Planetary Protection

Growing importance of Digitalization, AI and MBSE for SMA

Exchange on Lessons Learned and REX and analysis of existing experience

Reflection on New COTS and parts assurance

Areas for strategic cooperation on SMA

Communication and Networking are vital to progress





TRILATERAL on SMA, Frascati, 27./28.6.2024

- Strategic partnership on regulatory requirements for a sustainable lunar and space exploration program
- Exchange on new tools and technologies in support to SMA
- Decision on continuation of dedicated WG

TRILATERAL in Japan, 2026 (TBD)

TRISMAC in US 2027 (TBD)

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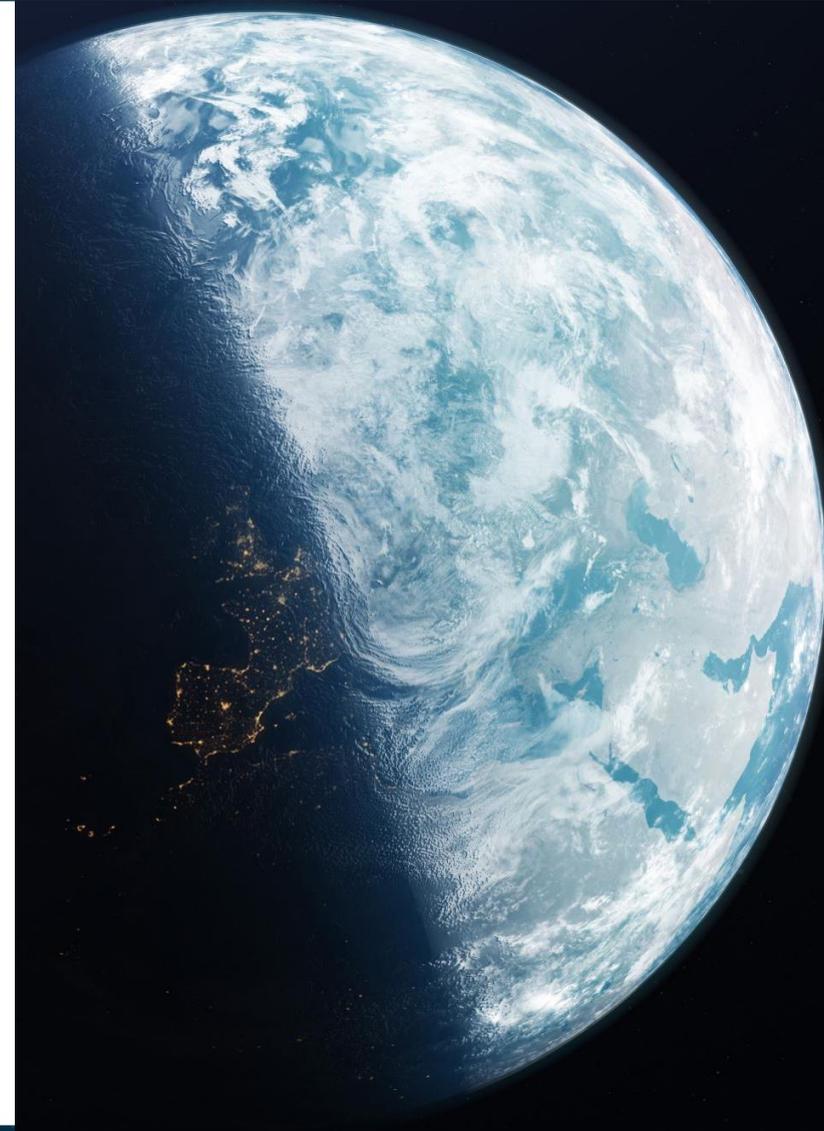
Next TRISMAC



Stay tuned – all presentations will be available online.

Share your pictures – we will provide a platform.

Let us know if we can assist in fostering cooperation.



THANK YOU



TRISMAC2024 organising committee

TRISMAC2024 Chairs

All Speakers and participants

Special thanks to Anastasia Pesce, Deborah Nickson, Dana Strenkova and Laurent Marchand

ESA Conference Bureau (Lorenza Versace and Isabella Houghton)



Technical Committee

ESA

Chair:

- Britta Schade

Co-Chairs:

- Laurent Marchand
- Anastasia Pesce

Members:

- Manrico Fedi Casas
- Fabrice Cosson
- Vanina Ficaja
- Aleksandra Sieminska
- Paloma Villar

NASA

Chair:

- Gaspare Maggio

Co-Chairs:

- Taylor Dacko
- Frank Groen

Members:

- Matthew Forsbacka
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Co-Chairs:

- Hiroyuki Hirabayashi
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- Kumi Nitta
- Koichi Suzuki
- Shinichiro Taura
- Toru Yoshihara



Organising Committee

ESA

Organisational Committee:

Chair:

- Britta Schade

Co-Chairs:

- Laurent Marchand
- Anastasia Pesce

NASA

Organisational Committee:

Chair:

- Frank Groen

Co-Chairs:

- Taylor Dacko
- Gaspare Maggio

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Organisational Committee:

Chair:

- Hiroki Kohata

Co-Chairs:

- Hiroyuki Hirabayashi
- Masaaki Mokuno
- Koichi Suzuki
- Shinichiro Taura



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Thank you and see you in ??!