

FORUM MUNICH AEROSPACE



Campus Ottobrunn, Foyer

**Maren Hülsmann, Universität der Bundeswehr
Institute of Space Technology & Space Applications**

Opportunities and Challenges of Artificial Intelligence in Space

This presentation explores the impact of Artificial Intelligence (AI) on the space industry, a trending topic in various industries for years.

AI, often accompanied by buzzwords like Machine Learning, Deep Learning, Big data, or Natural Language Processing, is transforming spacecraft operations by analysing spacecraft telemetry data, predicting anomalies, and enabling autonomous operations. While AI offers new horizons, it also faces challenges, including data availability, AI-system verification, reliability, interplay with human decision-making, and in general issues of trust.

In this talk, Mrs. Maren Hülsmann, a research associate at the Institute of Space Technology and Space Applications (UniBw M), provides insights into AI's current status, its ongoing challenges, and future opportunities in the space industry.

The event will be rounded up with an open exchange in the plenum - join us for Pretzels & Beer!



Thursday, 18 January 2024

17:30 – 19:00 Uhr

Campus Ottobrunn, Foyer
Lise-Meitner-Straße 9
85521 Ottobrunn

