18

January

5:00-5:30 pm JST

9:00-9:30 am CET

Zoom link: Click here to register

EU-Japan Centre for Industrial Cooperation
一般財団法人 日欧産業協力センター

cailabs
SHAPING THE LIGHT

Space Japan

Co-funded by the European Union

10+ Gbps Space-to-Ground Laser Communication

Abstract

The explosion of data in space, boosted by high-resolution imaging, telecom constellations and secure data transfer, is accelerating the need for faster and more secure satellite communication solutions. Laser communication solves radio limitations: 10+ Gbps data rates, no frequency licensing, and highly secure point-to-point links. This technology is starting to be deployed in inter-satellite links, while adoption on the ground is slower due to atmospheric turbulence which strongly disturbs the optical beam. Cailabs has developed a unique technology to correct atmospheric turbulence without any moving part, and offers solutions from the component to full turnkey 10+ Gbps-ready Optical Ground Stations.

Event Agenda

Introduction: Luca Escoffier, Project Manager Space.Japan Helpdesk, EU-Japan Centre for Industrial Cooperation

10+ Gbps Space-to Ground Laser communication: Olivier Jacques Sermet, Business Development Manager, Laser Communications, Cailabs

Q&A