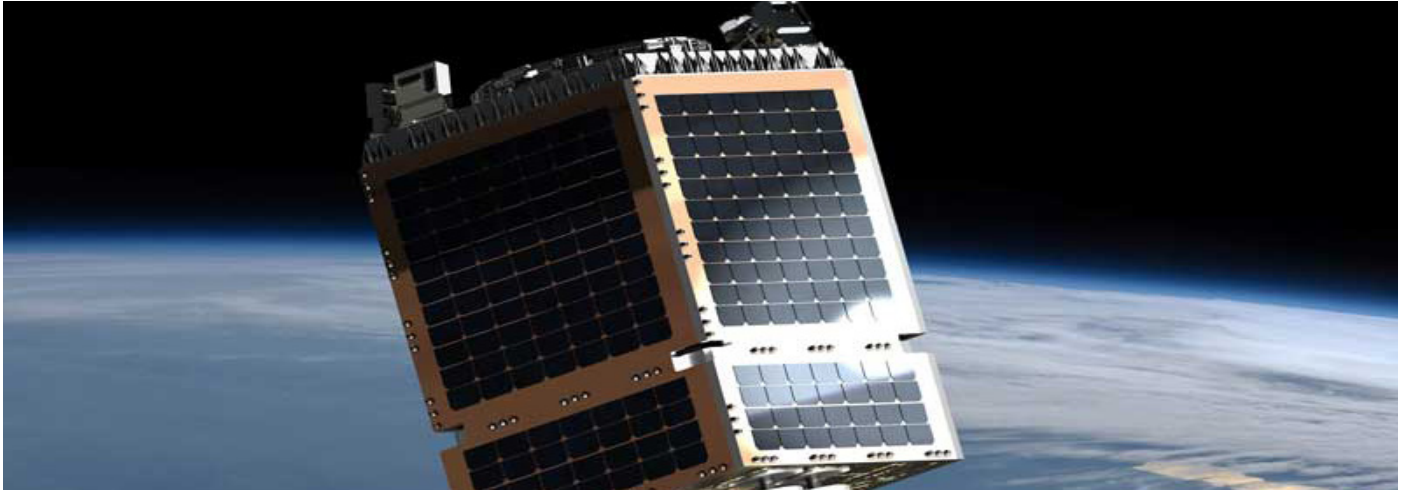


# Optical interconnects: addressing the unique challenges in space applications



Join us Thursday, June 3rd - 11am EST / 5pm CET

[Register Now](#)

The constant reduction of satellite launch cost and the newly emerging Low-Earth-Orbit (LEO) and Geosynchronous-Earth-Orbit (GEO) satellites high speed communication technologies give rise to a whole new market where modern networks can extend behind the horizons and hold the promises for global connectivity.

This webinar will describe why optic communications in space are a key element of the success of new global connectivity networks. From intra-satellite to inter-satellite high speed links, optical communication over fiber optics or over optical wireless terminals can help by extracting the most from the communication architectures while offering low SWaP.

## Key learning objectives

- What are the main space applications that benefit from high speed optics connectivity?
- What are the key challenges and advantages of optical communication in space?
- What are the environmental conditions on low earth orbit vs geosynchronous earth orbit and how do they affect communication optics specifications?
- What are the main characteristics of the hardware needed for optics communication for intra-satellite and inter-satellite?

### Guillaume Blanchette

Product Line Manager  
Space Optical Interconnect



Guillaume Blanchette has years of experience at product line management and technical level in various high-tech optics companies. He joined the Reflex Photonics technology brand of Smiths Interconnect in 2017 as a Space Industry Manager and has been instrumental in structuring the radiation tolerant modules portfolio of the company.

### Arlen Martin

Product Line Director  
Fiber Optics



Arlen Martin has 30+ years of experience in product marketing and management of SFP transceivers and silicon photonics. He leads the Fiber Optics Product Line Managers and Application Engineering Team of Smiths Interconnect, and is responsible for the product line of optical transceivers for the defence, space and commercial aerospace market segments.

### Benoit Reid

Global Engineering  
Director Fiber Optics  
and RF Components



Benoit Reid has over 25 years of product and technology development in the field of photonics for multiple markets, and has held several technical and managerial positions for different high-tech companies. At Smiths Interconnect, he is responsible for leading the Fiber Optics and RF Components engineering team and managing product development.