

# 3rd European Photonics Industry Consortium (EPIC) Meeting

K. Minoglou - Head of Optoelectronics Section

ESTEC

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→ THE EUROPEAN SPACE AGENCY

## Photonics at ESA



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## Increasing number of R&D activities proposed every year during the preparation of Workplans

Scylight and ARTES, GSTP Compendia, TDEs, Application Domain call (Earth observation, Science, Navigation, ..), OSIP

### **Technical Dossiers and Vision/White Papers**

- Critical Space Technologies for European Strategic Non-Dependence (EC-ESA-EDA Joint Task Force)
- ESA Technology Strategy
- EEE Component European Sovereignty
- Cross Cutting Initiative "Quantum Technologies"

### **Events**

- Workshops and Conferences: EPIC, Quantum Technologies Workshop
- Space Engineering and Technology Final Presentation Days (SET/FPDs)
- CTB Working Group Meetings

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OLOGY STRATEGY



In 2016 ESA became a member of the European Photonics Industry Consortium (EPIC) in order to strengthen our bonds with the Photonics community, a natural reaction to our fast growing dependence on this technology domain to meet our Space mission objectives;

Our main goal with this workshop is for ESA to reach out to you, the photonics industry and stakeholders in Europe and beyond, with the aim to:

- → create **awareness and interest** for Photonics in Space;
- → explore **opportunities for collaboration** on Photonics for Space;
- → bringing industry in direct contact with each other, and with ESA Photonics experts and applications engineers, to stimulate possible involvement in the implementation of our technology plans;
- → provide an introduction on **how to do business with ESA**!

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1. An introduction to ESA and its programmes

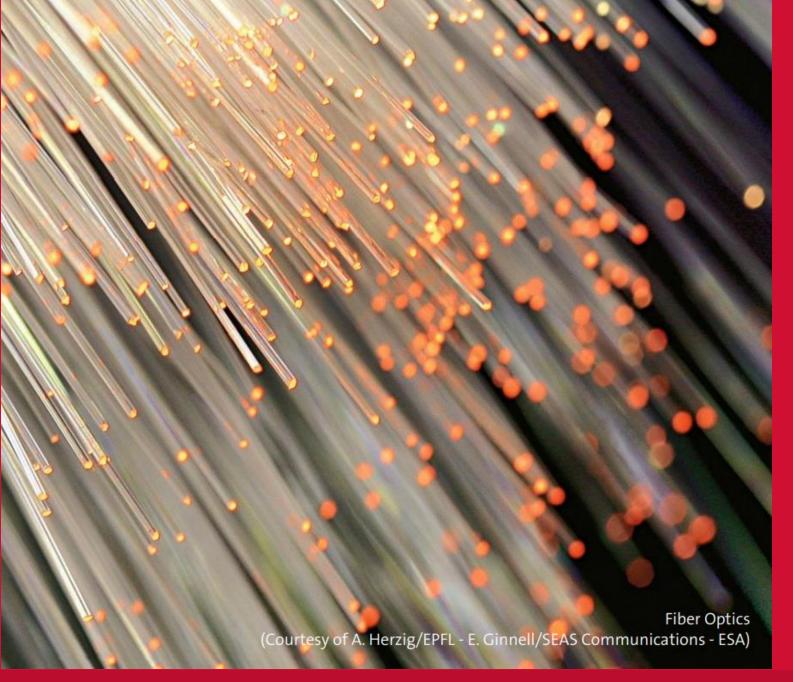
2. New Space

3. Focus on a number of topics e.g human and robotic exploration,

LIDAR, optical communications and integrated photonics

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# Welcome and Enjoy EPIC









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