

3rd European Photonics Industry Consortium (EPIC) Meeting

K. Minoglou - Head of Optoelectronics Section

ESTEC

13/09/2022



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

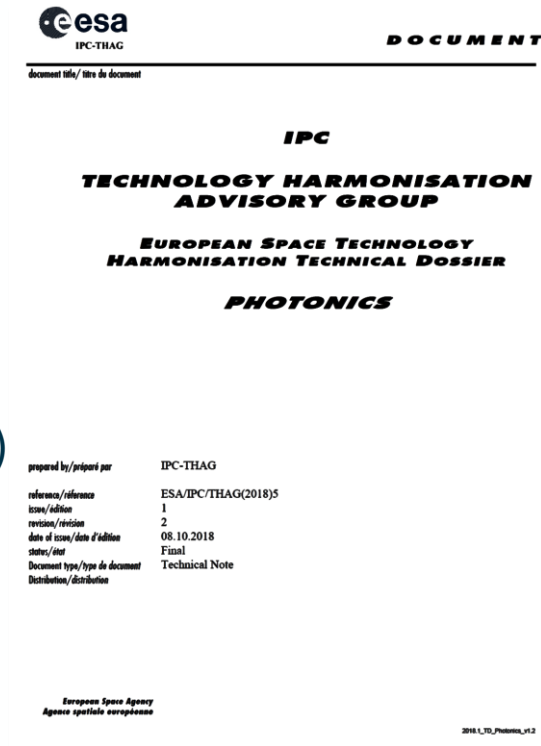
Scylight and ARTES, GSTP Compendia, TDEs, Application Domain call (Earth observation, Science, Navigation, ..), OSIP

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

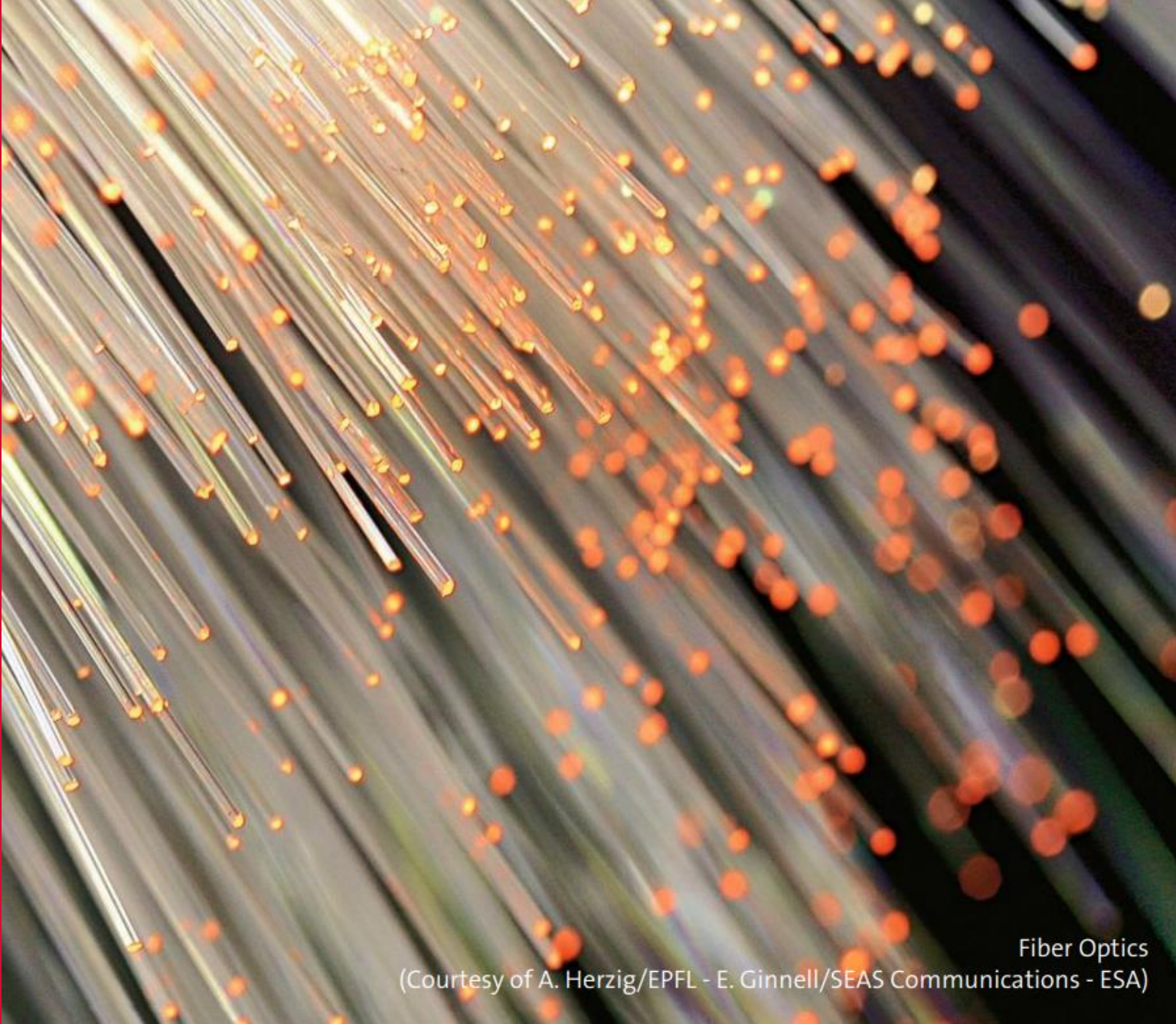


In 2016 ESA became a member of the European Photonics Industry Consortium (EPIC) in order to strengthen our bonds with the Photonics community, a natural reaction to our fast growing dependence on this technology domain to meet our Space mission objectives;

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!**

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



Fiber Optics
(Courtesy of A. Herzig/EPFL - E. Ginnell/SEAS Communications - ESA)

Welcome and Enjoy EPIC



