

ICT-04-2018 – we are looking for:

1. Tailored Laser Beams for Laser-based Manufacturing (RIA)
2. Highly Productive Ultra-Short Laser Systems for Fast Materials Processing (RIA)
3. Access to advanced photonics for researchers (IA)
4. Enabling automated mass-manufacturing of datacom photonics products (IA)
5. Connected Lighting (IA)

ICT-04-2018: points to remember

1. For the RIAs (manufacturing/processing) we do not encourage submission of purely academic ideas
 - the projects are expected to demonstrate the developed system with a relevant industrial application
 - impact on strengthening industrial manufacturing
2. For the IA on connected lighting we do not encourage submission of proposals focusing **only on technology development without addressing standardisation**

ICT-04-2018– topic evolution

Topics called earlier were different but interested stakeholders would be similar:

- ICT27a-2015:
 - "High-throughput laser-based manufacturing"
 - "Optical communication for exa-scale data centres"
- ICT30a 2017: "Application driven core photonic technology developments for agile Petabit/s Optical Core and Metro Networks"

ICT-04-2018 – topic evolution

Current project portfolio

Laser based manufacturing:

HIPERDIAS (www.hiperdias.eu)

ultraSURFACE (www.ultrasurface.eu)

Communications and PICs:

COSMICC (www.h2020-cosmicc.com)

ICT-STREAMS (www.ict-streams.eu)

L3MATRIX (www.teraboard.eu)

PLASMOFAB (www.plasmofab.eu)

TERABOARD (www.teraboard.eu)

ICT-04-2018 – Key actors

- The topic is called in the context of the cPPP on Photonics
- The private part is Photonics21- more than 2500 members (www.photonics21.org)
- Newly published reports by Photonics21:
 - Market Research Report
 - Photonics Market Key Data
 - Photonics PPP Impact Report

Upcoming events / information days

Information day on Photonics organised by DG CNECT
in Brussels on 08.12.2017, details to be announced

Any Questions?

Please contact me:

Dimitrios.Axiotis@ec.europa.eu

Unit A4 Photonics

DG CNECT