

Laser & Engineering Technologies Cluster - --LITEK--

Kristina Ananičienė
Cluster manager



Mission: By working together in R&D develop world-class laser and engineering technologies

www.litek.lt

ECOSYSTEM: Laser Technologies in Lithuania

1st

in the CEE region for university-business collaboration in R&D

Source: World Economic Forum, Global Competitiveness Index, 2018

- 60 SMEs ---
- 5 universities & research centres ---
- 1850 high-quality workers ---
- 200 Scientists and researchers ---
- 250 M€ revenue ---
- Export TOP 3: EU, USA, China ---

<https://ltoptics.org/en/about-us/>



CORE COMPETENCIES & APPLICATIONS



- Reliable 24/7 ultrashort pulse lasers for industry
- High-intensity TW and PW class laser systems
- Tunable wavelength laser devices (OPO, OPA)
- Optical components and systems
- Opto-mechanics
- Optical coatings
- High-power electronics
- Laser technologies for material processing
- Equipment for laser processing
- Laser-based services
- Nonlinear laser spectroscopy
- Optical & quantum communication
- Optical measurements
- Laser systems for medical diagnostics and therapy



- Science
- Industry
- Healthcare and Biomedical
- Semicon
- Defence and Security
- Environmental Sensing
- Aerospace and Aviation
- Optical Communication

NATIONAL CONNECTIONS

Access to Lithuanian laser and engineering companies

Workshops, Seminars, B2B networking

Identification of joint R&D initiatives, other projects

Let's
connect
and
collaborate

ACCESS TO INTERNATIONAL NETWORKS

PhotonHUB
Europe

eDIHs

International projects and opportunities

Sectorial and cross-sectorial
Clusters and Partnerships

ltoptics.org  litek.lt
kristina@litek.lt