

# RESEARCH TOPICS

New laser technologies for 3D printing and micromachining

Study of ways to increase material resistance

Safety of public and critical infrastructures and life and health protection

Construction of laser sources and systems for light transmission

Bright light sources to produce, study and exploit extreme states of matter



## LIGHT AT THE SERVICE OF SOCIETY

### Goals:

- Support of intense light sources as a research tool for wider industry
- Development and application of new technologies
- Expansion of cooperative industrial research
- Strengthening of synergies between the institutions of the Czech Academy of Sciences
- Creating a feedback loop between the research community and public



For further information please visit our website.