

2019 ELISS

ELI SUMMER SCHOOL

DOLNÍ BŘEŽANY, CZECH REPUBLIC
25/ 8/ 2019 – 30/ 8/ 2019

TOPICS OF SEMINARS:

HIGH-POWER ULTRAFAST LASERS

- Generation and amplification of ultra-short laser pulses
- High Average Power DPSSL technology
- High Energy DPSSL technology

AND APPLICATIONS

GENERATION OF BRIGHT COHERENT AND INCOHERENT X-RAY PULSES USING SHORT PULSE LASERS

FREE ELECTRON LASERS FROM IR TO X-RAYS

ULTRAFAST IMAGING TECHNIQUES WITH SHORT X-RAY PULSES

FUNCTION AND APPLICATIONS OF SHORT X-RAY PULSES (INCLUDING SYNCHRONIZATIONS)

PARTICLE ACCELERATION BY LASERS AND APPLICATIONS: PROTON THERAPY

PHYSICS OF DENSE PLASMAS AND WARM DENSE MATTER, LABORATORY ASTROPHYSICS

ULTRA-INTENSE LASER MATTER INTERACTION

NUCLEAR PHYSICS WITH HIGH-INTENSITY LASERS

FEMTOSCIENCE: APPLICATIONS IN BIOLOGY, CHEMISTRY AND SOLID-STATE PHYSICS

GENERATION OF ATTOSECOND PULSES: ATTO-SCIENCE PHOTONICS

Participant Fee: € 200

The fee includes accommodation in a double room, refreshment, organizing costs, conference proceedings and lectures visit fee. Do not hesitate to contact us for further information. For more information, please visit our website. The webpages will be updated as further information becomes available.

www.eli-beams.eu

We hope to see you at ELISS 2019 in Prague!

