



## ELI Seminar

Institute of Physics, Polish Academy of Sciences  
Al. Lotników 32/46, Warsaw, Poland

October 21, 2016

### Programme and time schedule

10.00 *Welcome*

**Leszek Sirko** – Introduction to the Institute of Physics, Polish Academy of Sciences

**Jan Ridky** – Introduction to Institute of Physics, Academy of Sciences of the Czech Republic and its laser activities

10.15 *General presentations of the ELI infrastructures and the ELI consortium*

**Karoly Osvay, ELI-ALPS Research Technology Director** - An introduction to ELI-ALPS: the scientific mission and project status

**Georg Korn, ELI-BL Chief Scientist, Scientific Coordinator for Research Programmes** – Status of ELI Beamline Facility, scientific directions and user areas

*Coffee break*

**Nicolae-Victor Zamfir, ELI-NP Project Director** - ELI-NP project: status and perspectives

**Carlo Rizzuto, ELI-DC Director General** - Institutional and operational aspects of ELI-ERIC

12.30 *Lunch Break*

13.30 *Presentations and discussion of scientific programs*

**Dan Stutman** - Nuclear physics with high power lasers at ELI-NP

**Nicolae-Victor Zamfir** - Experiments with high brilliance gamma beam at ELI-NP

**Ovidiu Tesileanu** - Experiments with combinations of laser and  $\gamma$ /electron beams at ELI-NP

**Karoly Osvay** – Few cycle phase stabilized lasers and research technology of ELI-ALPS

*Coffee break*

**Katalin Varju** – The attosecond sources and first experiments in ELI-ALPS

**Georg Korn** – Particle acceleration and x-ray generation driven by high power fs - lasers at ELI Beamlines

**Jakob Andreasson** - Applications in molecular, biomedical and materials sciences at ELI Beamlines

**Stefan Andreas Weber** - High-energy density plasma physics and ultra-high intensity interactions at ELI Beamlines

15.45 *Conclusions and resolutions*

16.00 *Farewell*