LEI 2009

Programme

15 October (Thursday)	
18:00-19:30	Registration (ARO Hotel)
20:00-22:00	Welcome Cocktail Reception

16 October (Friday)	
8:00-9:00	Registration (Conference site AULA)
9:00-10:45	**Opening Session** **Marius Enachescu -** *"First ELI conference, organized in an ELI host country"* **Hervé Pero -** *"Policy developments and challenges at European level in the field of Research Infrastructures"* **Carlo Rizzuto -** *"A vision for the Research Infrastructures in the ERA year 2020"* **Wolfgang Sandner -** *"Laserlab Europe"* **Gérard Mourou -** *"High intensities physics with ELI"*
10:45-11:15	Coffee Break
Session 1	
High Field Physics	
11:15 Plenary	**Christof Keitel** - *High-energy quantum dynamics in extremely strong laser pulses* Max Planck Institute for Nuclear Physics, Germany
11:50 Plenary	**Pisin Chen** - *Laser induced gravitoelectromagnetic effect in quantum mechanics* Leung Center for Cosmology and Particle Astrophysics National Taiwan University & Kavli Institute for Particle Astrophysics and Cosmology Stanford Linear Accelerator Center, Stanford University, USA
12:25 Invited	**Guy Wormser** - *ThomX, a project for an intense compact hard X rays source and a possible extension to the gamma range* Laboratoire de l'Accélérateur Linéaire d'Orsay, IN2P3/CNRS, France
13:00-14:30	Lunch

Session 2	
Lasers	
14:30 Plenary	**Orazio Svelto** - *Ultrafast science: from picosecond to attosecond laser pulses* Physics Department, Polytechnic School of Milano, Italy
15:05 Invited	**Marco Galimberti** - *State of the art of the ELI-PP WP6: safety and radioprotection* Central Laser Facility, Science and Technology Facilities Council, Chilton, Didcot, United Kingdom
15:30 Oral	S. Mironov[1], V.V. Lozhkarev[1], V.N. Ginzburg[1], I.V. Yakovlev[1], G.A. Luchinin[1], **Efim A. Khazanov[1]**, A.M. Sergeev[1], G. Mourou[2] – *Second harmonic generation at large B-integral for ELI-class laser pulses* [1]Institute of Applied Physics of the Russian Academy of Science, Nizhny Novgorod, Russia [2]LOA-ENSTA Palaiseau, France
15:45 Oral	K. Mecseki, **Attila P. Kovács**, Z. L. Horváth - *Measurement of pulse front distortion caused by aberrations using spectral interferometry* University of Szeged, Department of Optics and Quantum Electronics, Szeged, Hungary
16:00 Oral	**Daniel Ursescu**, L. Ionel - *Spatial and temporal description of ultra-short pulses in tightly focused beams* Solid State Lasers Laboratory, Lasers Department, NILPRP, Bucharest, Romania
16:30-17:00	Coffee Break
Session 3	
Secondary Sources of Particles	
17:00 Plenary	**Toshiki Tajima** - *Laser particle acceleration* Faculty of Physics, LMU, Garching, Germany and Ecole Polytechnique Palaiseau, France
17:35 Plenary	**Julien Fuchs** - *Laser-acceleration of high energy ions: present and future applications* Laboratoire pour l'Utilisation des Lasers Intenses (LULI), Ecole Polytechnique, route de Saclay, France
18:10 Invited	**Marco Borghesi** - *Ion acceleration with ultrashort, high-intensity laser pulses* School of Mathematics and Physics, The Queen's University of Belfast, Belfast, UK
18:35 Oral	**Patrizio Antici[1,2]**, P. Audebert[3], S. Buffecho[3], A. Mancic[3], J. Fuchs[3] – *Measurements of hot electrons distributions in intense laser-matter interaction* [1]ILE - ENSTA - Ecole Polytechnique - CNRS - Palaiseau, France [2]INFN, Via Fermi, 40, 00044 Frascati, Italy [3]LULI, École Polytechnique, CNRS, CEA, UPMC, route de Saclay, 91128 Palaiseau, France
19:30	Dinner

17 October (Saturday)	
Session 4	
Attosecond Physics	
9:00 Plenary	**Ferenc Krausz** - *Attosecond physics: tracing and steering the motion of electrons on the atomic scale* Max-Planck-Institut für Quantenoptik, Garching, Ludwig-Maximilians-Universität München, Germany
9:35 Plenary	**Ivan P. Christov** - *Time-dependent quantum Monte Carlo: principles and perspectives* Physics Department, Sofia University, Sofia, Bulgaria
10:10 Oral	J. A. Fülöp[1], P. Dombi[2], G. Farkas[2], **János Hebling[1]** - *Attosecond pulse shortening by using extreme high intensity THz pulses* [1]Department of Experimental Physics, University of Pécs, Hungary [2]Research Institute for Solid-State Physics and Optics, Budapest, Hungary
10:25 Oral	**Katalin Kovács** , V. Tosa - *Time-dependent phase matching in attosecond pulse generation* National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania
10:45-11:15	Coffee Break
Session 5	
Secondary Sources of X-rays	
11:15 Invited	**David Ros**, O. Guilbaud, S. Kazamias, M. Pittman, J.-C. Lagron, B. Zielbauer, J. Habib, J.-P. Chambaret, G. Mourou, S. Liehn , C. Le Sech , E. Porcel , M.-A. Hervé du Penhoat, A. Touati , H. Remita, S. Lacombe - *LASERIX: a high-repetition-rate laser facility for performing intense XUV sources perspectives for XUV sources in ILE and ELI projects* Laboratoire d'Interaction du Rayonnement X avec la Matiere, Université Paris-Sud, Orsay , France
11:40 Invited	M. Fuchs[1, 2], R. Weingartner[1, 2], A. Maier[1, 2], A. Popp[1], Zs. Major[1], S. Becker[1, 2], J.Osterhoff[1, 2] R. Hörlein[1, 2], G.D. Tsakiris[1], U. Schramm[3], T.P. Rowlands-Rees[4], S.M. Hooker[4], D. Habs[1, 2], F. Krausz[1, 2], S. Karsch[1, 2], **Florian Grüner[1, 2]** - *Ultrafast laser-driven soft-X-ray undulator source* [1]Max-Planck-Institut fur Quantenoptik, Garching, Germany [2]Dept. of Physics, Ludwig-Maximilians-Universitat Munchen, Garching, Germany [3]Forschungszentrum Dresden-Rossendorf, Bautzner Landstrae, Dresden, Germany [4]University of Oxford, Clarendon Laboratory, Parks Road, Oxford, U.K.
12:05 Oral	**Daniel Symes,** Rajeev Pattathil, David Neely - *Approaches for the generation of high-power terahertz radiation using ELI* Central Laser Facility, Rutherford Appleton Laboratory, Didcot, UK

12:20 Oral	**Eduardo Oliva**[1,2], Ph. Zeitoun[2], M. Fajardo[3], P. Velarde[1], K. Cassou[4], D. Ros[5], S. Sebban[2] - *Optimized soft x-ray amplifier by tailoring plasma hydrodynamic* [1]Instituto de Fusión Nuclear, Universidad Politécnica de Madrid, Madrid, Spain [2]Laboratoire d'Optique Apliquée, ENSTA, École Polytechnique, CNRS, Palaiseau, France [3]Centro de Física dos Plasmas, Instituto Superior Técnico, Lisbon, Portugal [4]Laboratoire de Physique des Gaz et des Plasmas, Université Paris Sud XI, Orsay, France [5]Laboratoire d´Interaction du Rayonnement X avec la Matière, CNRS, Université Paris Sud XI, Orsay, France
12:35 Oral	**Henryk Fiedorowicz**, A. Bartnik, R. Jarocki, J. Kostecki, R. Rakowski, A. Szczurek, M. Szczurek - *Microprocessing organic polymers using laser-produced x-rays and extreme ultraviolet (EUV)* Institute of Optoelectronics, Military University of Technology, Warsaw, Poland
13:00-14:30	Lunch
Session 6	
Lasers	
14:30 Invited	M. Galimberti, S. P. Blake, A. G. Boyle, O. Chekhlov, **John Collier**, R. J. Clark, S. Hancock, R. Heathcote, C. Hernandez–Gomez, A. Lyachev, P. Matousek, I. O. Musgrave, D. Neely, P. A. Norreys, I. Ross, W. Shaikh, Y. Tang, T. B. Winstone, B. E. Wyborn - *The 10 PW OPCPA Vulcan project* Central Laser Facility, Science and Technology Facilities Council, Chilton, Didcot, United Kingdom
14:55 Invited	T. Metzger, **Georg Korn**, F. Krausz, J. Speiser - *Power-scaling of ps- thin disk lasers for ELI´s OPCPA front-end and Attosecond facility* Max Planck Institute of Quantum Optics (MPQ), Garching, Germany
15:20 Oral	**Gonçalo Figueira**, M. Fernandes - S*patio-temporal coupling from grating pairs with wavefront-aberrated input beams* Grupo de Lasers e Plasmas, Instituto de Plasmas e Fusão Nuclear Instituto Superior Técnico, Lisbon, Portugal
15:35 Oral	**Daniel Ursescu**, L. Ionel - *Non-collinear spectral coherent combination of ultrashort pulses* Solid State Lasers Laboratory, Lasers Department, NILPRP, Bucharest, Romania
15:50 Oral	**Mikhail Kalashnikov**, A. Andreev, H. Schönnagel - *Limiting characteristics of temporal contrast for high aperture CPA lasers* Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie, Berlin, Germany
16:05 Oral	Á. Börzsönyi[1], A. P. Kovács[1], M. P. Kalashnikov[2], M. Mero[3], **Karoly Osvay**[1] - *Measurement of the spectral phase shift and the residual angular dispersion of an AOPDF* [1]Dept. of Optics & Quantum Electronics, University of Szeged Szeged, Hungary [2]Max Born Institute, Berlin, Germany [3]Research Group on Laser Physics, University of Szeged, Szeged, Hungary
16:30	Coffee Break

Session 7	
Secondary Sources of Particles	
17:00 Invited	**Nelson C. Lopes** - *Laser-plasma electron acceleration at ELI* GoLP – IPFN – Instituto Superior Técnico, Lisboa, Portugal
17:25 Invited	I. V. Sokolov[1], J. A. Nees[2], S. S. Bulanov[2], **Natalia M. Naumova[3], G**. A.Mourou[4], V. P. Yanovsky[2] - *Radiation back reaction in relativistically strong and QED-strong laser pulses* [1]Space Physics Research Laboratory, University of Michigan, Ann Arbor, USA [2]Center for Ultrafast Optical Science and FOCUS Center, University of Michigan, Ann Arbor, USA [3]Laboratoire d'Optique Appliquee, Ecole Polytechnique, Palaiseau, France
17:50 Oral	**Alexander Buck[1,2]**, K. Schmid[1,2], C. M. S. Sears[1], J. Mikhailova[1], M. Geissler[3], L. Veisz[1], D. Herrmann[1], R. Tautz[1,2], F. Tavella[4], F. Krausz[1,2] - *A novel controlled injection method for laser wakefield acceleration* [1]Max-Planck-Institut für Quantenoptik, Garching, Germany [2]Ludwig-Maximilians-Universität, München, Germany
18:05 Oral	**Eugene N. Nerush** , I.Yu. Kostyukov - *Signatures of laser-wakefield acceleration with few-cycle laser pulses* Institute of Applied Physics, Russian Academy of Sciences, Nizhny Novgorod, Russia
18:20 Oral	**Yutong T. Li[1]**, X. X. Lin[1], F. Liu[1], S. J. Wang[1], B. C. Liu[1], L. M. Chen[1], J. L. Ma[1], Z. H. Wang[1], Z. Y. Wei[1], Z. M. Sheng[2], J. Zhang[1,2] - *Diagnotics of fast electron transport at target surfaces* [1]Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy of Sciences, Beijing, China [2]Department of Physics, Shanghai Jiao Tong University, Shanghai, China
18:35 Oral	**Luis Cardoso**, M. Marti, N. Lopes - *Radiological issues in laser-matter interactions at under 200 PW and high repetition rates* GoLP/Instituto de Plasmas e Fusão Nuclear, Instituto Superior Técnico, Lisboa, Portugal
19:30	Dinner

18 October (Sunday)	
8:30	**Departure for excursion**
16:30	**Banquet, Bran Inn**
21:00-22:00	**Return to Brasov**

19 October (Monday)	
Session 8	
High Field Physics	
9:00 Plenary	**Ken Ledingham** - *Ultra high intensity laser interactions - brighter than a million suns* SUPA, Dept of Physics, University of Strathclyde, Glasgow, Scotland & AWE plc Aldermaston, Reading, UK , Forshungszentrum, Rossendorf Dresden , Germany
9:35 Invited	**Christopher Barty** – *Mono-energetic gamma-ray (MEGa-ray) sources and nuclear applications* Photon Science and Applications Program, Lawrence Livermore National Laboratory, Livermore, CA, USA
10:00 Invited	V.N. Ginzburg, E.V. Katin**, Efim A. Khazanov**, A.V. Kirsanov, V.V. Lozhkarev, G.A. Luchinin, A.N. Mal'shakov, M.A. Martyanov, O.V. Palashov, A.K. Poteomkin, A.M. Sergeev, A.A. Shaykin, A.A. Soloviev, M.V. Starodubtsev, I.V. Yakovlev - *Application of petawatt parametric Russian laser (PEARL) – laser wakefied acceleration* Institute of Applied Physics of the Russian Academy of Science, Nizhny Novgorod, Russia
10:30	Coffee Break
Session 9	
Attosecond Physics	
11:00 Plenary	**George D. Tsakiris** - *Present status of the plasma medium as a source of intense attosecond pulses* Max-Planck-Institut für Quantenoptik, Garching, Germany
11:35 Plenary	P. Tzallas[1], E. Skatzakis[1], J. Kruse[1], C. Kalpouzos[1], G. D. Tsakiris[3], **Dimitris Charalambidis**[1,2] - O*n the generation and metrology of intense attosecond pulses* [1]Foundation for Research and Technology—Hellas, Institute of Electronic Structure and Laser, Heraklion, Crete, Greece [2]Department of Physics, University of Crete, Heraklion, Crete, Greece [3]Max-Planck-Institut für Quantenoptik, Garching, Germany
12:10 Invited	**Cédric Thaury** [1,2], F. Quéré[2], H. George[2], J.-P. Geindre[3], Ph. Martin[2] - *Phase properties of high order harmonics generated on plasma mirrors* [1]Centre de Physique Théorique , École Polytechnique, Palaiseau, France [2]CEA, IRAMIS, Service des Photons Atomes et Molécules, Gif-sur-Yvette, France [3]LULI, École Polytechnique, Palaiseau, France
12:35 Invited	**Mauro Nisoli** - *Towards high energy isolated attosecond pulses* Centre for Ultrafast Science and Biomedical Optics, National Laboratory for Ultrafast and Ultraintense, Optical Science, CNR-INFM, Italy
13:00-14.30	Lunch

Session 10	
Lasers	
14:30 Invited	**Algis Piskarskas** – *Trends of optical parametric chirped pulse amplification* Department of Quantum Electronics, Vilnius University, Vilnius, Lithuania
14:55 Invited	**Zsuzsanna Major**[1,2], S.A. Trushin[1], M. Siebold[1], I. Ahmad[1], C. Wandt[1], S. Klingebiel[1], C. Skrobol[1], J.A. Fülöp[3], R. Weingartner[1,2], A. Popp[1], J. Osterhoff[1], R. Hörlein[1,2], J. Hein[4], V. Pervak[1,2], A. Apolonski[1,2], F. Krausz[1,2], **Stefan Karsch**[1,2] – *The petawatt field synthesizer: recent progress and current status* [1] Max-Planck-Institut fur Quantenoptik, Garching, Germany [2] Department fur Physik, Ludwig-Maximilians-Universität München, Garching, Germany [3] Department of Experimental Physics, University of Pécs, Pécs, Hungary [4] Institut fur Optik und Quantenelektronik, Friedrich-Schiller-Universität Jena, Jena, Germany [5] Institute of Automation and Electrometry, Russian Academy of Sciences, Novosibirsk, Russia
15:20 Oral	**Lei Shen**[1], Dimitris Papadopoulos[1,2] Frederic Druon[1,2], Jean-Paul Chambaret[1] - *Temporal synchronization by pre-chirp control for broadband optical parametric amplifier* [1]UMS 3502, Institut de la Lumière Extrême, 91761, Palaiseau Cedex, France [2] Laboratoire Charles Fabry de l'Institut d'Optique, CNRS, Univ Paris-Sud, Palaiseau Cedex, France
15:35 Oral	Seong Ku Lee, Tae Jun Yu, Jae Hee Sung, Tae Moon Jeong, Il Woo Choi, **Jongmin Lee** – *0.1-Hz 1-PW Ti:Sapphire laser facility* Advanced Photonics Research Institute (APRI), GIST, Republic of Korea
15:50 Oral	S. Ališauskas, **Rytis Butkus,** V. Pyragaitė, V. Smilgevičius, A. Stabinis, A. Piskarskas - *Two and three beam pumped optical parametric amplifier of chirped pulses* Laser Research Center, Vilnius University, Vilnius, Lithuania
16:30-19:30	**Poster Session**
19:30	Dinner

20 October (Tuesday)	
Session 11	
Lasers	
9:00 Invited	**Jean-Paul Chambaret** - *The Extreme Light Infrastructure Project ELI and its prototype APOLLON/ ILE - "The associated laser bottlenecks"* ILE, ENSTA- Ecole Polytechnique, UMS 3205, Chemin de la Hunière, Palaiseau, France
9:25 Invited	**Bruno Le Garrec** - *Laser-diode and flash lamp pumped solid-state lasers* CEA-CESTA, Le Barp, France
9:50 Oral	J. Hein, R. Bödefeld, S. Podleska, M. Hornung, A. Sävert, R. Wachs, A. Kessler, M. Wolf, S. Keppler, M. Nicolai, M.Schnepp, J.Körner, M.C.Kaluza, **Gerhard G.Paulus** - *Multiterrawatt peak power generated by the all diode pumped laser POLARIS* Institute of Optics and Quantum Electronics, Friedrich Schiller University, Jena, Germany, Helmholtz Institute Jena, Jena, Germany

10:05 Oral	Zhaohua Wang, **Zhiyi Wei**, Cheng Liu, Feng Liu, Nan Wang, Jinglong Ma, Jie Zhang - *Enhence XL III facility to petawatt power with improved front-stage amplifier and optimized output energy* Institute of Physics, Chinese Academy of Sciences, Beijing , China
10:30-11:00	Coffee Break
Session 12	
Secondary Sources of Particles	
11:00 Plenary	**Dietrich Habs**[1,2], A. Henig[1,2], D. Jung[1,2], J. Schreiber[1,2], R. Horlein[2], M. Groß[1], K. Allinger[1], T. Tajima[1,2], X.Q. Yan[2], S. Steinke[3], M. Schnurer[3], T. Sokollik[3], P.V. Nickles[3], W. Sandner[3], M. Hegelich[4], J. Meyer-Ter-Vehn[2], J. Rafelski[1,5], L. Labun[1], Y. Hadad[1], A. Zayakin[1], H. Ruhl[1] - *Ultra-thin diamond foils and high-contrast lasers allow efficient laser-ion acceleration, acceleration of high-charge electron bunches, production of relativistic mirrors for X-ray production and sensitive detection of coherent acceleration radiation* [1]Fakultät f. Physik, LMU München, D-85748 Garching, Germany [2]Max-Planck-Institut f.Quantenoptik, Germany [3]Max-Born-Institut, Berlin, Germany [4] Los Alamos National Laboratory, Los Alamos, New Mexico, USA [5]The University of Arizona, Tucson, USA
11:35 Invited	**Samuel F. Martins** - *Exploring the future of laser-plasma acceleration with massively parallel simulations in OSIRIS* GoLP – IPFN – Instituto Superior Técnico, Av. Rovisco Pais, Lisboa, Portugal
12:00 Invited	**Toma Toncian**[1], M. Behmke[1], B. Hidding[1], R. Jung[1], T. Königstein[1], A. C. Pipahl[1], J. Osterholz[1], G.Pretzler[1], M. Swantusch[1], M. Toncian[1], O. Willi[1], M. Heyer[2], O. Jäckel[2], M.Kübel[2], G.Paulus[2], C. Rödel[2], H.P. Schlenvoigt[2], W. Ziegler[2] - *Overview of experimental studies with a 25 fs 100 TW laser pulse* [1]Institute of Laser- and Plasmaphysics, Heinrich-Heine University, Düsseldorf, Germany [2]Institute of Optics and Quantum Electronics, Friedrich Schiller University Jena, Germany
12:15 Oral	**Danilo Giulietti** - *New acceleration techniques at INFN with FLAME* Physics Department of the University and INFN, Pisa
12:30 Oral	**Carlos Russo**, R. A. Bendoyro, M. Hilbert, J. Jiang, G. Figueira, N. C. Lopes - *Improving the reproducibility of plasma channels formed by electric discharges in structured gas cells* Grupo de Lasers e Plasmas, Instituto de Plasmas e Fusão Nuclear, Instituto Superior Técnico, Lisboa, Portugal
13:00-14.30	Lunch
Session 13	
High Field Physics	
14:30 Plenary	**Peter G. Thirolf**[1], D. Habs[1,2], A. Henig[1], D. Jung[1], D. Kiefer[1], C. Lang[1], J. Schreiber[1,4], R.Schützhold[3], T. Tajima[1] - S*tudying signatures of the unruh effect with high-power, short-pulse lasers* [1]Faculty of Physics, Ludwig-Maximilians-University München, Garching, Germany [2]Max-Planck Institute of Quantum Optics, Garching, Germany [3]Fachbereich Physik, University of Duisburg-Essen, Duisburg, Germany [4]Imperial College, London, United Kingdom
15:05 Plenary	**Johann Rafelski** - *Fundamental physics probed by pulsed lasers* Department of Physics, University of Arizona, Tucson, Arizona, USA

15:40 Oral	**Gregory Golovin**, D. Uryupina, R.Volkov, A. Savel'ev - *Registration of 14.4 keV 57Fe nuclear state excitation induced with the help of plasma created by the powerful femtosecond laser pulse* Faculty of Physics and International Laser Center of Lomonosov Moscow State University, Moscow, Russia
15:55 Oral	**Artem V. Gets**, V.P. Krainov - *Inner and outer ionization of atomic clusters by an intense attosecond laser pulse* Moscow Institute of Physics and Technology (State University), Dolgoprudny, Moscow, Russia
16:30-17:00	Coffee Break
17:00-19:00	**Special session devoted to ELI site choice**
19:30	Dinner

21 October (Wednesday)	
Session 14	
High Field Physics	
9:00 Invited	**Bedřich Rus -** *Generation of intense soft X-ray laser pulses at PALS for dense plasma probing, warm dense matter generation and ablation of solids* Prague Asterix Laser System, Prague, Czech Republic
9:25 Invited	**Jörg Schreiber [1,2,3],** C. Palmer[1], C. Bellei[1], A.E. Dangor[1], N. Dover[1], R. Evans[1], S. Kneip[1], S.P.D.Mangles[1], S.Nagel[1] - *PW-Laser-Ion acceleration from ultra-thin plasma slabs* [1]Blackett Laboratory, Imperial College, London, UK [2]Faculty for Physics, Ludwig-Maximilians-University Munich, Garching, Germany
9:50 Oral	**Edison Liang[1]**, H. Chen[2], S. Wilks[2], A. Henderson[1], T. Einav[1], P. Yepes[1] - *Pair creation by ultra-intense lasers* [1] Rice University, Houston, TX 77005-1892, USA [2] Lawrence Livermore National Laboratory, Livermore, USA
10:05 Oral	**Nicola Booth[1]**, R.J. Clarke[4], L. Gizzi[3], G. Gregori[2], P. Koester[3], L. Labate[3], T. Levato[3], B. Li[2,4],M. Makita[5], J. Pasley[1,4], P.P. Rajeev[4], D. Riley[5], E. Wagenaars[1], J.N. Waugh[1], N.C. Woolsey[1] - *X-ray polarisation measurements of fast electron heated dense plasmas* [1]Department of Physics, University of York, Heslington, York, UK, 2- Department of Physics, University of Oxford, UK [3]ILIL-IPCF, Consiglio Nazionale delle Richerche, Pisa, Italy [4]Central Laser Facility, STFC Rutherford Appleton Laboratory, Didcot, UK
10:30	Coffee Break

Session 15	
Lasers	
11:00 Invited	N. Blanchot[1)], G. Behar[1)], T. Berthier[1)], E. Bignon[1)], F. Boubault[1)], C. Chappuis[1)], H. Coïc[1)], F. Coquelet[1)], C. Damiens-Dupont[1)], G. Deschaseaux[1)], P. Gibert[1)], C. Grosset-Grange[1)], O. Hartmann[1)], L. Hilsz[1)], E. Hugonnot[1)], F. Laborde[1)], B. Le Garrec[1)], J. Luce[1)], E. Mazataud[1)], S. Montant[2)], S. Noailles [1)], J. Néauport[1)], A. Roques[1)], F. Sautarel[1)], M. Sautet[1)], C. Sauteret[1),3)], F. Savier[1)], H. Ward[1)] et **Claude Rouyer**[1)] - *Overview of PETAL, the multi-Petawatt project on the LIL facility* [1)] Commissariat à l'Énergie Atomique, Centre d'Études Scientifiques et Techniques d'Aquitaine, Le Barp, France [2)] Centre Lasers Intenses et Applications, Université de Bordeaux 1, Talence, France [3)] Laboratoire pour l'Utilisation des Lasers Intenses, Ecole Polytechnique, Palaiseau, France
11:25 Invited	**Adolfo Esposito** - *Radiation protection for laser-based accelerators* INFN-LNF Via Enrico Fermi 40, Italy
11:50 Oral	**Rob Clarke**, M. Galimberti, D. Neely, J. Collier, C. Hernandez-Gomez, R. Pattathil - *Radiological considerations for ELI-class experimental facilities* STFC Rutherford Appleton Laboratory, Harwell Science and Innovation Campus, Didcot, Oxfordshire, UK.
12:05 Oral	**Aladar Czitrovszky**, Á Kiss, A. Nagy, D. Oszetzky, A. Kerekes - *Interferometric metrology for Extreme Light Infrastructure* Research Institute for Solid State Physics and Optics, Hungarian Academy of Sciences, Budapest, Hungary
12:20 Oral	Alexandrov, V. Zavalova, A.Kudryashov, A. Rukosuev, Yu. Sheldakova, **Vadim Samarkin** - *Beam correction in TiS lasers by means of adaptive optics* Moscow State Open University and Night N (opt) Ltd., Moscow, Russia
12:35-13:00	**Closing Remarks**
13:00	Lunch