

**Topic: Illuminate-Lasers in the Year of the Light
Laserlab-Europe User Meeting (Coimbra, 6-8 September)**

Sunday, September 6th

16:00-17:00 Registration

17:00-18:30 Guided visit to the historical part of the university

19:00 Welcome reception

Monday, September 7th

8:30-12:00 Registration

9:15-9:40 Opening addresses

9:40-10:10 Didier Normand- Chair of The Access Board

10:10-10:40 Coffee break

Session I: Biophotonics and health applications of lasers

10:40-11:00 **Janusz Dąbrowski:** Photodynamic Therapy (PDT): basic mechanisms, clinical outcomes, and future research direction / CLL

11:00-11:20 **Albena Daskalova:** Immobilized biopolymer thin films modified by temporally shaped femtosecond pulses for cell guidance improvement / ULF-FORTH

11:20-11:40 **Domenico Doria:** Radiobiology with laser-accelerated ion bursts / LULI

11:40-12:00 **Zbignevs Marcinkevics:** Blood perfusion changes in exercising and non-exercising muscle during unilateral static exercise using diffuse correlation spectroscopy technique (DCS) / ICFO

12:00-12:20 **Judy Zouaoui:** Toward In Vivo and In Situ time domain reflectance Diffuse Optical Tomography thanks to time gated SPAD systems / CUSBO

12:20-14:00 Lunch

Session II: Structural dynamics and materials

14:00-14:20 **John Bartholomew:** High spectral resolution spectroscopy of individual rare-earth-ion doped nanoparticles / LLC

14:20-14:40 **Stefano Colonna:** Ultrafast photoemission spectroscopy study of the electron-lattice coupling in the 2D metallic system alpha-Sn/Ge(111) / CELIA

14:40-15:00 **Mario Garcia-Lechuga/ Javier Solis:** Simultaneous time-and-space resolved reflectivity and interferometric measurements of dielectrics excited with femtosecond laser pulses / SLIC

15:00-15:20 **Junqing Shi:** Solid State Luminescence Enhancement in Dicyano-Distyrylbenzenes: Intra- and Intermolecular Contributions / CLL

15:20-15:40 **Kestutis Staliunas:** Photonic crystal spatial filters / VULRC

15:40-16:00 **Igor Reva:** Near-Infrared Laser-Induced Generation of Higher-Energy Conformers in Matrix Isolated Compounds / CLL

14:00-16:00

Access Board Meeting

16:00-16:40

Coffee break

Session III: Advanced laser sources

16:40-17:00

Andrzej Bartnik: Photoionized plasmas induced by intense soft X-ray and extreme ultraviolet pulses / PALS

17:00-17:20

Brendan Dromey: Polarisation gating of high harmonic generation from relativistic laser plasmas / IOQ

17:20-17:40

Vaclav Kubecek: 39 mJ Energy, Picosecond Ho:YLF Cryogenic Chirped Pulse Amplifier for Mid-Infrared OPCPA / ICFO

17:40-18:00

Florian Mollica: Efficient laser production of energetic neutral beam / MBI

18:00-18:25

LaserLab Portugal Roadmap

18:25-18:55

Visit to the Coimbra LaserLab facility

20:00

Gala dinner

Tuesday, September 8th

Session IV: Ultrafast probing and high energy lasers I

9:30-9:50

Amelle Zair: Temporal flat top synthesis for high order harmonic generation / CELIA

9:50-10:10

Barry Bruner: Two-dimensional phase resolved high harmonic spectroscopy of molecular vibrations / CELIA

10:10-10:30

Livia Lancia: A plasma based laser amplifier / LULI

10:30-11:00

Coffee break

11:00-12:20

Round table

12:20-14:00

Lunch

Session V: Ultrafast probing and high energy lasers II

14:00-14:20

Franck Lepine: Short XUV pulses for ultrafast molecular physics and astrochemistry / MBI

14:20-14:40

Anja Roeder: Femtosecond dynamics of isolated radicals in the gas phase / SLIC

14:40-15:00

Tatjana Stoll: Ultrafast vibrations of small atomically defined thiolate gold clusters studied by femtosecond transient absorption spectroscopy / CUSBO

15:00-15:20

Jan Vanda: Laser induced damage threshold measurements of optical components for high-energy HiLASE lasers / VULRC

Closing remarks, end of meeting

15:30-16:00

Coffee break