

Laserlab-Europe Conference

27-29 May 2024 in Lisbon, Portugal



Preliminary agenda

Status: 28 March 2024

Venue:

[Centro de Congressos do IST](#)

Instituto Superior Técnico, Campus Alameda

Av. Rovisco Pais, 1, 1049-001 Lisbon

Agenda overview

27 May	28 May	29 May
08:30-10:00 Access Board Meeting <i>(Internal event)</i>	08:30-10:40 Session 3: Lasers in a multi-instrumental world	09:00-10:30 Session 5: Lasers and laser-based instruments for the future
10:00-12:25 Session 1: Lasers for Catalysis	11:10-13:00 Session 4a: Lasers for oncology	11:00-15:30 Laserlab-Europe AISBL General Assembly <i>(Internal event)</i>
14:00-17:20 Session 2: Attoscience	14:30-17:30 Session 4b: Lasers for Imaging & Diagnosing Life	
17:30-18:30 Public Lecture by Anne L'Huillier (Lund University)	17:30 City Tour	16:00 Lab Tour at IST
19:30 Working Dinner <i>(Internal event)</i>		

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27 May

08:30-10:00	<i>Access Board Meeting (internal event)</i>
10:00-10:15	Welcome
10:15-12:25	Session 1: Lasers for Catalysis - Introduction tbd - The role of time-resolved spectroscopy in identifying the bottlenecks in the development of photocatalysts for hydrogen generation, Mary Pryce (Dublin City University) - Light-induced catalysis using plasmonic metal nanoparticles, Sven Askes (LaserLaB Amsterdam) - Tbd, Johan Zetterberg (Lund Laser Center) - Structural elucidation of active intermediates in organocatalytic processes, Davide Corinti (Sapienza Università di Roma) - Discussion
12:25-14:00	<i>Lunch</i>
14:00-17:20	Session 2: Attoscience - Introduction by Marc Vrakking (Max Born Institute) - Capturing coherent electron dynamics in chiral molecules, Vincent Wanie (DESY) - Controlling XUV harmonics focussing properties, Eric Constant (Institut Lumière Matière) - Atto SXR in solids, Themis Sidiropoulos (ICFO)
15:10-15:40	<i>Coffee Break</i> - Wavefront Optimization of XUV high-harmonic sources, Amelle Zair (King's College) - Tbd, Fabio Giambruno (Sphere Photonics) - Tbd, Bernd Schuette (Max Born Institute) - Discussion
17:20-17:30	<i>Break</i>
17:30-18:30	Public lecture by Anne L'Huillier (Lund University)
19:30	<i>Working Dinner (internal event)</i>

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28 May

08:30-10:40	Session 3: Lasers in a multi-instrumental world - Introduction by Daniela Stozno (Laserlab-Europe) - ReMade@ARI: Access programme for recyclable materials research, Barbara Schramm (HZDR) - RIANA: Access programme for nanoscience and nanotechnologies, Michael Stueckelberger (DESY) - Lasers4EU: Access programme for laser-based science, Sylvie Jacquemot (LULI) - User feedback tbd, Majed Chergui (EPFL) - Discussion
10:40-11:10	<i>Coffee Break</i>
11:10-13:00	Session 4a: Lasers for oncology - Introduction tbd - Delineation of solid tumours using an autofluorescence lifetime imaging probe, Riccardo Cicchi (LENS) - Laser-driven electron therapy for cancer, Alessandro Flacco (LOA) - Laser-driven proton Flash irradiation, Emilia Szabo (ELI-ALPS) - Discussion
13:00-14:30	<i>Lunch</i>
14:30-17:30	Session 4b: Lasers for Imaging & Diagnosing Life - Introduction by Luis Arnaut (Coimbra Laser Lab) - Photo(opto)-acoustic imaging and sensing in time and frequency domain for Life Sciences, Giannis Zacharis (IESL-FORTH) - Non-linear microscopes for use in the clinic, Frank van Mourik (Flash Pathology) - Developing DNA probes towards new diagnostics and therapeutics, Susan Quinn (University College Dublin)
15:40-16:10	<i>Coffee Break</i> - Optical photothermal infrared imaging using quantum cascade and free electron laser, Christoph Krafft (Leibniz IPHT) - Development of catheters that combine both optical coherence tomography as well as fluorescence detection, Johannes de Boer (LaserLaB Amsterdam) - Discussion
17:30	<i>City Tour</i>

29 May

09:00-10:30	Session 5: Lasers and laser-based instruments for the future - Introduction tbd - Lasers for laser fusion, tbd - NanoXcan: Lasers for innovative metrology, Marta Fajardo (IST) - Discussion
10:30-11:00	<i>Coffee Break</i>
11:00-15:30	Laserlab-Europe AISBL General Assembly (internal event) <i>The agenda has been distributed separately to members of the Laserlab-Europe AISBL</i>
13:00-14:00	<i>Lunch</i>
16:00-17:00	<i>Lab Tour at IST</i>