

Laserlab-Europe Conference

11 October 2019

Grand Hotel Adriatico

Via Maso Finiguerra 9 – 50123 Florence, Italy



PROGRAMME	
08:30	<i>Registration</i>
09:00	Welcome (Francesco Pavone, LENS and Claes-Göran Wahlström, LLC)
Session 1: Highlights from the Laserlab-Europe transnational access programme	
09:15	Introduction to the access programme (Pascal D'Oliveira, CEA-LIDYL)
09:20	Life sciences: DNA intercalators tilt, wobble, and twirl: Probing the structure of overstretched DNA Adam Backer (Sandia National Laboratories, New Mexico, USA, project at LaserLaB Amsterdam)
09:45	Cultural heritage: Combined photoacoustic imaging to delineate the internal structure of paintings Alice Dal Fovo (INO-CNR, Italy, project at ULF-FORTH)
10:10	Instrumentation with potential for industrial application: OH-Vibrations-Sensitive Integrated Photonic Sensors for Harsh-Environment-Resistant Aircraft Icing Protection Systems Airan Rodenas (Universidad de La Laguna, Spain, project at CUSBO).
10:35	<i>Coffee break</i>
Session 2: Highlights from the Laserlab-Europe joint research and networking programmes	
11:00	Introduction to the JRA programme (Sandro De Silvestri, POLIMI)
11:05	JRA highlight: Lab based X-ray sources and instrumentation for imaging and spectroscopy Holger Stiel (MBI)
11:30	JRA highlight: Multimodal microscopy and spectroscopy for advanced diagnostics of bladder tumour Riccardo Cicchi (LENS)
11:55	Introduction to the networking programme (Jens Biegert, ICFO)
12:00	Fundamental physics: Ultrafast dynamics of resonant photo ionization using attosecond pulses David Busto (LLC, joint experiment CEA-LIDYL / LLC)
12:25	Impact of staff exchange for infrastructure development: Luca Volpe (CLPU)
12:50	<i>Lunch</i>
Session 3: Panel discussion on industrial relations	
14:00	Introduction to industrial relations (Claes-Göran Wahlström)
14:05	Example of spin-off company: Linas Jonusauskas (Femtika, Lithuania, VULRC spin-off)
14:25	Panel discussion: Industrial involvement in Laserlab-Europe Moderator: Anke Lohmann, Anchored In; Panelists: Ed Mitchell, ESRF/CALIPSOplus; Mariastefania De Vido, CLF; Lorenzo Targetti, Light4Tech; Dino Jaroszynski, Univ. Strathclyde; Dario Polli, NIREOS
Session 4: Laserlab-Europe and international collaboration	
15:25	Introduction to international collaboration (Sylvie Jacquemot, LULI)
15:30	LaserNetUS: Mingsheng Wei (Laboratory for Laser Energetics, Rochester)
15:45	Asian Intense Laser Net: Chang Hee Nam (KAIST, Korea, by video)
15:55	ELI: Allen Weeks (ELI-DC)
16:10	Conclusions and ending
16:15	<i>Coffee</i>
16:30	<i>End of sessions</i>

Participants arriving on 10 October are invited to attend the open JRA sessions on the University campus and the dinner in the evening.