

General Schedule

Time	Monday 20 th	Tuesday 21 st	Wednesday 22 nd	Thursday 23 rd	Friday 24 th
9:30		Prof. Christian Sattler Head, of solar Chemical Engineering German A. Center, Germany Solar Fuels and Electricity by using Sunlight concentrating Systems	Prof. Carlos Molpeceres Director, Laser Institute, UPM, Spain Laser Technology in Photovoltaics	Dr. Habil. César Jaúregui Misas Institute of Applied Physics, Abbe Center of Photonics, Friedrich Schiller University, Jena, Germany Fiber Optic Ultrafast laser for Advanced Fabrication: currents and trends	Prof. Beat Neuenschwander Lead Scientist, laser processing Expert University of Berna, Switzerland High throughput and high quality laser ablation and Texturing techniques with pulsed lasers
10:15	Opening Remarks				
10:40	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00	Prof. Christian Bressler Lead Scientist and Group Leader, XFEL, Hamburg, Germany Extremely intense X-ray Free Electron Laser looking for new Science and Tech. Opportunities	Mr. Mikel Bengoa General Director, Coherent Rofin, Spain Laser technology in Advanced Batteries fabrication	Prof. E. Michael Campbell Director, Lab. For laser Energetics (LLE), University of Rochester, USA Laser driven fusion energy: status, challenges and the future (RTalk)	Prof. Carlos Molpeceres Director, Laser Institute, UPM, Spain Microadditive Manufacturing using Laser Direct Write	Prof. Beat Neuenschwander Lead Scientist, laser processing Expert University of Berna, Switzerland Light manipulation and control techniques in industrial processes with pulsed lasers
12:10	Prof. JM López-Higuera Head, Photonic Engineering Group, University of Cantabria, Spain Light in Energy and Advanced Manufacturing	Prof. Jordi Martorell Leader, organic nanostructured Photovoltaic, ICFO; Spain Organic Nanostructured Photovoltaics	Prof. Javier Solis Director, Ultrafast Nonlinear and nanoscale Photonics Department, Optics Institute/CSIC, Madrid, Spain Direct writing of photonic structures and element redistribution processes with femtosecond laser light	Prof. Maite Flores EOS's Secretary, Group Leader, Univ. of Santiago of Compostela, Spain Intense light, a potential tool to be applied in medical imaging	
13:30-15:00	Lunch	Lunch	Lunch	Lunch	12:30 Closing Remarks, ISLIST-2023 Announcement and Diploma Delivery
15:30	Prof. Carlos del Cañizo Director, IES, UPM Photovoltaics for highly efficient energy conversion and storage	Round Table I Light on Energy: Challenges to face <i>Prof. Christian Sattler</i> <i>Prof. Michael Campbell (on-line)</i> <i>Prof. Carlos del Cañizo</i> <i>Prof. A. Gómez-Expósito</i> Moderator: JM López-Higuera	Prof. Martin Wegener Director, Institute of Nano-technology, KIT, co- Founder of Nanoscribe, Germany 3D and 4D Nanoprinting	Round Table II Challenges on advanced manufacturing and creation of New Photonic companies <i>Prof. Martin Wegener</i> <i>Dr. Fabien Guillemot</i> <i>Prof. Molpeceres</i> Moderator: JM López-Higuera	
16:40	Prof. Antonio Gómez Expósito Lead Scientist, energy systems Expert Solar Energy in the electrical systems: the Spanish case 2050		Dr. Fabien Guillemot CEO, POIETIS, France Towards a 4D Bioprinting Industry in the fourth industrial revolution		
17:55	Justiniano Casas AWARD Ceremony (SEDOPTICA)		Family Photo Santander City Council Reception		