

Time		Speaker	Affiliation
08:15	Registration		
08:45	Welcome and opening		
Session 1 Chair: Mattia Cipriani			
09:00	Millimeter-sized targets with controlled microstructure developed by two-photon polymerization for inertial confinement fusion	Raphael Penelope	CEA, DAM, France
09:15	Pulsed Laser Deposition for the synthesis of nano-structured materials for high power laser experiments	Maria Sole Galli De Magistris	Politecnico di Milano, Italy
09:30	Advances in High-Power Optical Engineering Using Etch-Free Nano-Imprint Lithography	Marco Abbarchi	SOLNIL, France
09:45	Shenguang-II laser facilities in National Laboratory on High Power Laser and Physics	Ping Zhu	SIOM, CAS, China
10:00	Coffee break		
Session 2 Chair: Olga Rosmej			
10:30	Numerical study of high-intensity laser interaction with a micro-structured material or foams	Jeffrey Commenge	CELIA, France
10:45	High-power laser irradiation of 3D-printed foams for inertial confinement fusion research	Mattia Cipriani	ENEA, Italy
11:00	Ion thermalization mechanisms in laser-irradiated low-density foams	Antonio Zurzolo	Politecnico di Torino, Italy
11:15	Simulation of foam structures in inertial fusion targets with ARWEN radiative hydrodynamics code	Carlos Celma	IFN, Spain
11:30	Impedance matching experiments using low-density aerogels	Robert Paddock	CLF, STFC-RAL, United Kingdom
11:45	A novel fast ignitor	Hartmut Ruhl	Marvel Fusion, Germany
12:00	Remark on some aspects of laser ion acceleration off microstructured near-critical density targets	Piotr Raczka	IPPLM, Poland
12:15	Discussion		
13:00	Lunch		
Session 3 Chair: Vladimir Tikhonchuk			
14:30	Kinetic study of nanofoam homogenisation under intense laser irradiation	Kevin Ambrogioni	Politecnico di Milano, Italy
14:45	Ultra-intense sources of MeV particles and radiation using over-dense foams	Olga Rosmej	GSI, Germany
15:00	Experimental Characterization of Laser-Driven Proton Acceleration Using Near-Critical Foam Targets	Alessandro Milani	University of Bordeaux, France - UNSW, Australia
15:15	Enhanced Laser-Driven Proton Acceleration from Structured Near-Critical-Density Targets	Mathieu Bailly-Grandvaux	CELIA, France
15:30	Enhancement of soft X-ray emission from an aerosol target irradiated with intense laser pulses	Henryk Fiedorowicz	Military University of Technology, Poland
15:45	Gigagauss magnetic field generation by bladed microtube implosion	Masakatsu Murakami	ILE, Japan
16:00	Coffee break		
16:30	Discussion		
17:15	Concluding remarks		

