TUESDAY

8:30	**KEYNOTE ADDRESS** **Brendan Dromey, Queen's University Belfast** **Optimising the efficiency of harmonic emission from relativistic laser plasmas**	
T1	**Innovative optics, beam shaping, pulse generation I – Chair Mariastefania De Vido**	
9:15	T1.1	**Invited - Götz Lehmann, Heinrich-Heine University** Plasma-based optics for high-power lasers
9:45	T1.2	**Julia Mikhailova, Princeton University** Plasma optics for ultra-intense laser science
	T1.3	**Vladimir Chvykov, Colorado State University** Filamentation suppression by beam shaping for post-compression techniques.
	T1.4	**Ildar Begishev, Laboratory for Laser Energetics, University of Rochester** Second-harmonic generation in ultrathin mirror-style crystals
10:30	**COFFEE BREAK**	
11:00	**Announcement of IUPAP ICUIL 2026 Prize Winners: Yoshiaki Kato Award / Early Career Scientist**	
T2	**High field science – Chair G. Ravindra Kimar**	
11:15	T2.1	**Invited – Matt Zepf, GSI Helmholtzzentrum für Schwerionenforschung** Vacuum birefringence experiments
11:45	T2.2	**Tatiana Smorodnikova, Stanford PULSE Institute** Experiment 320: probing strong-field QED by colliding short laser pulses with ultra-relativistic electron beams
	T2.3	**Timo Pohle, Ludwig-Maximilians-Universität München** The status of the photon-photon scattering experiment at CALA
	T2.4	**Paul McKenna, University of Strathclyde** Synchrotron-dominated X-ray emission from ultrathin foils in the relativistic self-induced transparency regime
12:30	**LUNCH**	
T3	**Multi-petawatt facilities and beyond III – Chair Zsuzsanna Major**	
13:30	T3.1	**Ewan Harvey, AWE** Recent and future development of the ORION laser facility
	T3.2	**Dimitrios Papadopoulos, Laboratoire pour l'Utilisation des Lasers Intenses** Multi-PW dual-beam operational status of the Apollon laser facility and upgrades toward 10 PW
	T3.3	**Roland Sándor Nagymihály, ELI ALPS** Next generation face-cooled Ti:Sa laser heads: a way to reach stable 10 Hz operation and beyond at petawatt level
	T3.4	**Stuart Brent, Lawrence Livermore National Laboratory** The Jupiter Laser Facility: New capabilities for discovery science and inertial fusion energy research
	T3.5	**Erhard Gaul, Marvel Fusion** Advanced DPSSL Petawatt Drivers
	T3.6	**Helder Crespo, Central Laser Facility** A novel broadband front-end source architecture for multi-petawatt laser facilities
	T3.7	**Samy Ferhat, Laboratoire pour l'Utilisation des Lasers Intenses** Enhancing single-shot temporal contrast dynamic range for multi-PW lasers via plasma-mirror selective peak attenuation
	T3.8	**Sara Bucht, Laboratory for Laser Energetics, University of Rochester** High-peak-power optical parametric chirped-pulse–amplification development platform
15:30	**COFFEE BREAK AND POSTER SESSION TP1 BEGINS**	
T4	**Innovative optics, beam shaping, pulse generation – Chair Pedro Oliveira**	
17:00	T4.1	**Invited – Yunxia Yin, Shanghai Institute of Optics and Fine Mechanics** Advances in pulse compression gratings
17:30 – 18:30	T4.2	**Yann Bernhard, Horiba** Recent advances in extra-large 1400 gr/mm gold-coated diffraction gratings for 50 PW-class laser facilities
	T4.3	**Sonja Gerlach, Ludwig-Maximilians-Universität München** Temporal contrast enhancement of the petawatt-class ATLAS 3000 laser via stretcher mirror upgrade and impact on ion acceleration
	T4.4	**Titouan Degrandcourt, Laboratoire pour l'Utilisation des Lasers Intenses** Generation and high energy amplification of temporally incoherent and arbitrarily shaped optical pulses using Semiconductor Optical Amplifier (SOA)
	T4.5	**Stefan Bock, Helmholtz-Zentrum Dresden-Rossendorf** Advances in 2D self-referenced spectral interferometry for single-shot laser pulse measurements beyond ten orders of magnitude dynamic and their application to high-power laser systems
19:15	**Dinner**	