

L (Laser)				2021.07.04 AAPPs-DPP	
No	Name	Affiliation	Title	P, TP, I	Subcategory
1	Tetsuya Kawachi	Kansai Photon Science Institute (KPSI), National Institutes for Quantum and Radiological Science & Technology (QST)	Cancer therapy study by Auger electrons generated by monochromatic X-rays and expectations for laser-driven ultra-intense X-ray sources	Plenary	5. L (Laser)
2	Colin Danson	AWE plc	Petawatt and Exawatt Class Lasers Worldwide	Plenary	5. L (Laser)
3	John Kline	LANL	Cylindrical implosion for validating hydrodynamics and scaling of inertial confinement fusion implosions	Plenary	5. L (Laser)
4	Zhengming Sheng	Shanghai Jiao Tong University & University of Strathclyde	Control of parametric instabilities in plasma with broadband lasers	Plenary	5. L (Laser)
5	Mohammad Mirzaie	Center for Relativistic Laser Science, Institute for Basic Science	Exploration of Nonlinear Compton Scattering Using a Multi-PW Laser	Topical Plenary	5. L (Laser)
6	Kazuo Tanaka	Extreme Light Infrastructure: Nuclear Physics (ELI-NP)	ELI-NP's Mission: Providing a Dual 10 PW Laser System	Topical Plenary	5. L (Laser)
7	Hiroki Morita	Institute of Laser Engineering, Osaka University	Numerical analysis of laser-driven pulsed magnetic diffusion based on quantum molecular dynamics	Topical Plenary	5. L (Laser)
8	Kiminori Kondo	Kansai Photon Science Institute (KPSI), QST	Development of laser driven carbon ion injector for the next generation heavy ion cancer therapy machine	Topical Plenary	5. L (Laser)
9	Suxing Hu	Laboratory for Laser Energetics, University of Rochester	Probing Extreme Atomic Physics of Warm and Superdense Plasmas	Topical Plenary	5. L (Laser)
10	Ravasio A.	LULI	High-pressure dynamic compression experiments for planetary science	Topical Plenary	5. L (Laser)
11	wenjun ma	Peking University	High-energy state in nanowire targets irradiated by ultraintense femtosecond laser pulses	Topical Plenary	5. L (Laser)
12	Juzer Ali Chakera	Raja Ramanna Centre for Advanced Technology	Recent Developments on Ultraintense Laser-Matter Interaction Studies at RRCAT using 150TW/1PW lasers	Topical Plenary	5. L (Laser)
13	Dongfang Zhang	School of Physics and Astronomy, Shanghai Jiao Tong University	Towards a terahertz driven ultrafast electron source	Topical Plenary	5. L (Laser)
14	Jian Zheng	University of Science and Technology of China	Multiple-scattering-angle scheme of collective Thomson scattering and its application on the investigation of electron thermal force	Topical Plenary	5. L (Laser)
15	Jian-Xing Li	Xi'an Jiaotong University	Generation of quasi-monoenergetic proton beams via quantum radiative compression	Topical Plenary	5. L (Laser)
16	Takashi Sekine	Groupe 2, Industrial development center, Central research laboratory, Hamamatsu Photonics K.K.	Scaling toward one kilo-joule class diode-pumped solid-state laser	Topical Plenary	5. L (Laser)
17	Ryo Yamazaki	Aoyama Gakuin University	Forming a supercritical magnetized collisionless shocks using high-power lasers	Invited	5. L (Laser)
18	Shut Tanaka	Department of Physics and Mathematics, Aoyama Gakuin University	Induced Compton scattering experiment with J-KAREN-P laser	Invited	5. L (Laser)
19	Oriza Kamboj	Department of Physics, Lovely Professional University	Optimizing laser focal spot size using self-focusing in a cone-guided fast-ignition ICF target	Invited	5. L (Laser)
20	Jaehoon Kim	Electro-Medical Device Research Center, Korea Electrotechnology Research Institute, Rep. Korea	Laser wakefield accelerator for very high energy electron beam therapy	Invited	5. L (Laser)
21	Fabrizio Consoli	ENEA, Fusion and Technologies for Nuclear Safety Department, C.R. Frascati	Generation, detection, mitigation and potential applications of laser-generated electromagnetic pulses	Invited	5. L (Laser)
22	Domenico Doria	Extreme Light Infrastructure - Nuclear Physics	Commissioning experiments with the 100 TW and 1 PW lasers at ELI-NP	Invited	5. L (Laser)
23	Shinichi Namba	Graduate School of Advanced Science and Engineering, Hiroshima University	Demonstration of 122-nm VUV laser by means of a transient collisional excitation scheme	Invited	5. L (Laser)
24	Yuki Abe	Graduate School of Engineering, Osaka University	Monte Carlo particle collision model for spectral analysis of neutrons from laser-driven neutron sources	Invited	5. L (Laser)
25	Shogo Isayama	IGSES, Kyushu University	Efficient acceleration scheme to achieve GeV proton energy by using dual-laser pulses	Invited	5. L (Laser)
26	Jinto Thomas	Institute for plasma research	Acceleration of ions in nanosecond laser-generated plasma in rear ablation geometry.	Invited	5. L (Laser)
27	Akifumi Yogo	Institute of Laser Engineering, Osaka University	Exploring "Nuclear Photonics" with Laser-driven neutron source -between plasma science and nuclear physics-	Invited	5. L (Laser)
28	Guoqian Liao	Institute of Physics, Chinese Academy of Sciences	Single-shot characterization of intense laser-driven terahertz radiation and its applications in laser-plasma diagnostics	Invited	5. L (Laser)
29	Toshinori Yabuuchi	Japan Synchrotron Radiation Research Institute	Experimental capabilities with high-power optical laser systems at the X-ray free-electron laser facility, SACLA	Invited	5. L (Laser)
30	Sergey Ryazantsev	Joint Institute for High Temperatures of the Russian Academy of Sciences (JIHT RAS), Russia	X-ray spectra features of ultra-relativistic laser plasma with above critical density generated in cryogenic cluster targets by a PW laser pulse	Invited	5. L (Laser)
31	Mamiko Nishiuchi	Kansai Photon Science Institute, Quantum Beam Science Research Directorate National Institutes for Quantum and Radiological Science and Technology	Enhancement of the accelerated ion beam quality by controlling the temporal profile of the high intensity short pulse laser system	Invited	5. L (Laser)
32	Alexander Pirozhkov	Kansai Photon Science Institute (KPSI), QST, Japan	Experiment towards the Gamma Flare regime	Invited	5. L (Laser)

33	Masaki Kando	Kansai Photon Science Institute (KPSI), QST, Japan	Detection and Characterization of GeV-class electrons from nonlinear laser wakefield	Invited	5. L (Laser)
34	Shuichi Matsukiyo	Kyushu University	High power laser experiment on collisionless shocks and the associated PIC simulation	Invited	5. L (Laser)
35	Zheng Gong	Max Planck Institute for Nuclear Physics	Diagnosing transient magnetic fields of ultrarelativistic laser plasma via ejected electron polarization	Invited	5. L (Laser)
36	Shao-Wei Chou	National Central University	Shock-front injection and laser-driven polarized X-ray	Invited	5. L (Laser)
37	Tong-Pu Yu	National University of Defense Technology	Ultra-brilliant quasi-monoenergetic positron bunches generation driven by twisted laser pulses	Invited	5. L (Laser)
38	Hideaki habara	Osaka University	Fast Heating of Imploded Plasma By Abnormal Penetration of Ultra-Intense Laser Light	Invited	5. L (Laser)
39	Naveen Pathak	Osaka University, Japan.	Electron beam chirp dexterity in staging laser wakefield acceleration	Invited	5. L (Laser)
40	Dogeun jang	Pohang Accelerator Laboratory (PAL)	High efficient terahertz generation from two-color laser plasma	Invited	5. L (Laser)
41	Yin Shi	School of Nuclear Science and Technology, University of Science and Technology of China, Jinzhai Road 96, Hefei 230026, China	Generation of ultra-relativistic monoenergetic electron bunches via a synergistic interaction of longitudinal electric and magnetic fields of a twisted laser	Invited	5. L (Laser)
42	Hao Liu	School of Physics and Astronomy, Shanghai Jiao Tong University	Increasing hydrodynamic efficiency in laser direct-drive implosions using double-ramp pulses	Invited	5. L (Laser)
43	Fuyuan Wu	School of Physics and Astronomy, Shanghai Jiao Tong University, China	Machine-learning optimization of laser-pulse shapes and target structures for direct-drive implosions	Invited	5. L (Laser)
44	Xiaohui Yuan	School of Physics and Astronomy, Shanghai Jiao Tong University, China	High-threshold stimulated Raman side scattering in direct-drive implosions	Invited	5. L (Laser)
45	Min Chen	Shanghai Jiao Tong University	Generation and dynamics of electron vortex and induced particle acceleration in laser plasma interaction	Invited	5. L (Laser)
46	Zi-Yu Chen	Sichuan University	Intense high harmonic and attosecond vector beams from relativistic plasma mirrors	Invited	5. L (Laser)
47	Raoul Trines	STFC Rutherford Appleton Laboratory	Nonlinear generation and mixing of higher order laser modes via Raman and Brillouin amplification	Invited	5. L (Laser)
48	King Fai Farley Law	The University of Tokyo	Experimental demonstration of semi-relativistic magnetic reconnection by intense petawatt laser	Invited	5. L (Laser)
49	Longqing Yi	Tsung-Dao Lee Institute, Shanghai Jiao Tong University	Light diffraction at relativistic intensities	Invited	5. L (Laser)
50	Teyoun Kang	UNIST	The acceleration-dependent relativistic mass and acceleration limit of a charged sphere under radiation reaction	Invited	5. L (Laser)
51	Yutong He	University of California San Diego	Dominance of gamma-gamma electron-positron pair creation in a plasma driven by high-intensity lasers	Invited	5. L (Laser)
52	gabriel Rigon	University of Nagoya	Exploring the late evolution of a Rayleigh-Taylor unstable system – an experimental insight on turbulence	Invited	5. L (Laser)
53	Kathleen Weichman	University of Rochester, Laboratory for Laser Energetics	Effects of kilotesla-level applied magnetic fields on relativistic laser-plasma interactions	Invited	5. L (Laser)
54	Rui Yan	University of Science and Technology of China	Nonlocal electron heat transport effects on ablative Rayleigh--Taylor instability	Invited	5. L (Laser)
55	Prashant Kumar Singh	University of Szeged, Hungary	Vacuum laser acceleration of super-ponderomotive electrons using relativistic transparency injection	Invited	5. L (Laser)
56	John Pasley	University of York	Innovative approaches in inertial confinement fusion	Invited	5. L (Laser)
57	Chris Ridgers	University of York	Laser-plasma interactions at the intensity frontier – towards the QED-plasma regime	Invited	5. L (Laser)