

31 TALKS (15'+5')

highlight talks (25'+5')

Session 1 (Chair: C. Joshi)

74	The AWAKE Facility at CERN	Dr. GSCHWENDTNER, Edda
57	Using ionization injection to get high quality electron beam in laser wakefield acceleration	Dr. CHEN, Min
71	Controlled, High-repetition rate Plasma Accelerators	Prof. HOOKER, Simon
90	Electron rephasing in a laser-plasma accelerator	Mr. DÖPP, Andreas

Session 2 (Chair: M. Ferrario)

118	Wakefield-Induced Ionization Injection and Self-Similar Staging in Beam-driven Plasma Wakes	Dr. MARTINEZ DE LA OSSA, Alberto
46	The electron accelerator for the AWAKE experiment at CERN	Dr. DOEBERT, Steffen
143	Transverse effects in plasma wakefield experiments at FACET	Dr. ADLI, Erik Prof. WALCZAK, Roman; Prof. HOOKER, Simon; Dr. MANGLES, Stuart
161	Hosing in Multi-Pulse Laser Wakefield Accelerators	

Session 3 (Chair: C. Schroeder)

43	Beam-driven plasma acceleration of electrons and positrons at FACET	Prof. CORDE, Sébastien
44	Plasma Wakefield Acceleration at VELA/CLARA Facility	Dr. METE, Ozgur; Mr. HANAHOE, Kieran; Mr. PACEY, Thomas; Ms. LI, Yangmei; Dr. XIA, Guoxing
101	First plasma acceleration experiments at PITZ	Dr. GROSS, Matthias
184	Experiments to observe multi-pulse laser wakefield acceleration	Mr. COWLEY, James

Session 4 (Chair: S. Hooker)

61	Optimized matching strategy for laser driven plasma boosters	ROSSI, Andrea Renato
67	Beam dynamics in resonant plasma wakefield acceleration @SPARC_LAB	ROMEO, Stefano
212	Electrons Injection, Boost and Collimation in Laser Plasma Accelerators	Prof. MALKA, Victor
199	Influence of medium length in self-guided laser wakefield accelerators	Dr. LUNDH, Olle

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Session 5 (Chair : V. Malka)

125	Controlled injection of electrons in a laser wakefield accelerator	Mr. HANSSON, Martin
139	A "slingshot" laser-driven acceleration mechanism of plasma electrons	FIORE, Gaetano
62	Generation of the collimated quasi-monochromatic beams of accelerated electrons in the interaction of an intense femtosecond laser pulse with an inhomogeneous plasma	Dr. STEPANOV, Andrey
18	Attosecond electron sheets and attosecond light pulses from relativistic laser wakefields	Dr. LI, Fei-yu; Prof. SHENG, Zheng-ming; Prof. CHEN, Min

Session 6 (P. Lundh)

58	Laser Wakefield Acceleration with Multi-Color Pulse Stacks: Designer Electron Beams for Advanced Radiation Sources	Dr. KALMYKOV, Serge
194	Multistage laser wakefield acceleration driven by two laser pulses with different focal lengths	Dr. NAKANII, Nobuhiko
27	Electron acceleration behind self-modulating proton beam in plasma with a density gradient	PETRENKO, Alexey
169	Project towards CO ₂ -laser-driven wake-field accelerator with external injection	Prof. LITVINENKO, Vladimir

Session 7 (M. Hogan)

249	External injection of electron beams into laser excited wakefields	STEINKE Sven
6	Energetic Particles from Laser Produced Plasmas and Applications	Prof. GIULIETTI, Danilo
171	Density downramp injection of plasma electrons into a laser-driven wakefield using a gas target of variable length	KONONENKO, Olena
141	Transverse emittance of electron beams generated by ionization injection in laser-plasma accelerators	Dr. SCHROEDER, Carl

Session 8 (D. Giuletti)

88	Effect of the laser wavefront in a high repetition rate laser-plasma accelerator	Mr. BEAUREPAIRE, Benoit
180	Downramp-assisted underdense photocathode electron bunch generation in plasma wakefield accelerators	Mr. KNETSCH, Alexander
148	Numerical investigation on the formation and stability of a hollow electron beam in the presence of a plasma wake field driven by an ultra-short electron bunch	Dr. TANJIA, Fatema

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19 POSTERS		
166	Towards Underdense Photocathode Plasma Wakefield Acceleration at FACET	Mr. KNETSCH, Alexander
97	First steps towards independent 2-stage laser plasma accelerator	Dr. DOBOSZ DUFR...NOY, Sandrine
122	Transforming the CNGS installatino into AWAKE: Status and challenges.	PARDONS, Ans
4	Optimization of single bunch driven plasma wakefield acceleration in quasi-nonlinear regime	Dr. NIE, Yuancun
87	Status of the proton and electron transfer lines for the AWAKE experiment at CERN	Dr. SCHMIDT, Janet
107	Status of the preparations for a plasma wakefield acceleration experiment at PITZ	Mr. LISHILIN, Osip
112	Generation of attosecond electron bunches in a laser-plasma accelerator	Ms. WEIKUM, Maria Katharina
123	Generation of Quasi-Monoenergetic Electron Pulses at POLARIS	Ms. REUTER, Maria
130	Laser Focusing and Electron Spectrometer Design of the LUX Beamline	Mr. WERLE, Christian Markus
197	Few-cycle Optical Probing of Laser Wakefield Acceleration Experiments	Mr. SCHWAB, Matthew
206	Numerical investigation of accelerated electrons generation from near-critical density targets under the action of petawatt-class laser pulses	Mr. PUGACHEV, Leonid
209	From FACET to FACET-II: Accelerator R&D Facilities for SLAC's Future	HOGAN, Mark
35	Emittance's Influence on Transverse Dynamics of Accelerated Bunches in the Plasma-Dielectric Wakefield Accelerator	Mr. KNIAZIEV, Roman
158	Rep-rated operation of laser-plasma accelerator for dosimetry and gamma-ray generation.	GIZZI, Leonida Antonio
128	Laser-plasma interaction at near-critical densities	Mr. ARUNACHALAM, Ajay Kawshik
162	Plasma torch electron bunch generation in plasma wakefield accelerators	Mr. WITTIG, Georg
182	Brilliance increase of Thomson scattered x-rays by modulating the undulator laser pulse	SCHINDLER, Sabine
192	Improving the Reproducibility of LWFA Experiments with Particle-In-Cell Simulations	Mr. GILLJOHANN, Max
191	FLASHForward - Future-Oriented Wakefield-Accelerator Research and Development at FLASH	Dr. LIBOV, Vladyslav

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24 TALKS

highlight talks

Session 1: Mass limited targets

96	Laser-driven ion acceleration using truly mass-limited targets	Prof. KALUZA, Malte
186	Ion acceleration using fully isolated targets	Mr. OSTERMAYR, Tobias
155	High-repetition-rate laser-proton acceleration employing a cryogenic Hydrogen jet as a target	Mrs. OBST, Lieselotte
23	Ion acceleration by intense, few-cycle laser pulses with nanodroplets	Dr. DI LUCCHIO, Laura

Session 2: Novel schemes

208	A novel ultra-high gradient travelling wave ion accelerator driven by intense lasers	Dr. KAR, Satyabrata
181	Ion acceleration driven by high intensity, multiple beams at Arcturus Laser System	Dr. CERCHEZ, Mirela
127	Proton acceleration by interaction of high intensity laser with microstructured snow targets	Prof. ZIGLER, Arie
116	Picosecond metrology of laser driven ion bursts	Dr. DROMEY, Brendan
250	Energetic negative ion and neutral atom beams from intense laser-plasma interaction	TER-AVETISYAN, Sargis

Session 3: Ultra-thin targets I

94	Generation of 600 MeV carbon ions with composite ultrathin targets	Dr. MA, Wenjun
69	Ion Acceleration from ultra thin foils on the Astra GEMINI facility	Ms. SCULLION, Clare
132	Energetic ion beams from relativistically transparent ultra-thin foils	Mr. HICKS, George
110	Laser-Driven Proton Acceleration at POLARIS with SHG and nm thin Foils	Mr. BECKER, Georg Alexander

Session 4: TNSA and related

159	Light Ion Acceleration: Bulk vs. Surface Acceleration and role of Target Thickness and Resistivity	Dr. GIZZI, Leonida Antonio
190	Proton energy enhancement by controlled preplasma formation	SINIGARDI, Stefano
144	Mono-Energetic Ions emission by nanosecond laser solid target irradiation	Dr. MUOIO, Annamaria
201	Investigation of ion acceleration mechanism through laser-matter interaction in femtosecond domain	Dr. ALTANA, Carmen; Dr. LANZALONE, Gaetano

Session 5: Ultra-thin targets II

242	Controlling ion acceleration and RPA with carbon nanofoam targets	ZEPF, Matt
214	Bulk ion Acceleration in the Light-Sail regime, studied by ion and neutron spectroscopy	Dr. Satyabrata Kar
32	Ion accelerations via the interaction of intense laser pulses with cluster targets	Dr. FUKUDA, Yuji
78	Ion acceleration from laser driven collisionless shockwaves in optically shaped gas targets	Dr. DOVER, Nicholas

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Session 6: Applications

175	Laser-driven protons for nanomaterial production	ANTICI, Patrizio
86	Potential clinical impact of laser-accelerated ion beams in cancer therapy	Prof. OBCEMEA, Ceferino
185	The ELIMED transport and dosimetry beamline for laser-driven ion beams	MILLUZZO, Giuliana Giuseppina
239	Transport solutions for laser driven ion beams	CIRRONE, Paolo

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251	Initial design of a beamline for ultra-intense laser-matter interactions at the BELLA-i PW laser user facility	Sven STEINKE, Stepan BULANOV, Qing JI, Thomas SCHENKEL, Eric H. ESAREY, and Wim P. LEEMANS
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21 TALKS

highlight talks

147	A collinear wakefield accelerator for a high repetition rate multi beamline soft x-ray free-electron laser facility	Dr. ZHOLENTS, Alexander
140	Measurement of 300MV/m Accelerating Gradients in a Dielectric Wakefield Accelerator	Dr. O'SHEA, Brendan
28	High transformer ratio of multi-channel dielectric wakefield structures and real-time diagnostic for charging and damage of dielectrics	Dr. SHCHELKUNOV, Sergey
52	A New Technology for High Gradient Radiofrequency Photogun	ALESINI, David
145	High-Gradient Normal-Conducting Radio-Frequency Photoinjector System for the STAR Project	Dr. FAILLACE, Luigi
146	Experimental Results of Carbon-Nanotube Cathodes inside Radio-Frequency Environment	Dr. FAILLACE, Luigi

merged into
1 single talk**Session 2**

42	Investigations of the concept of a multibunch dielectric wakefield accelerator	Prof. ONISHCHENKO, Ivan
55	High transformer ratio in dielectric wakefield structures using longitudinal bunch shaping with a emittance exchange beam line.	Mr. POWER, John
176	Dielectric wakefield accelerator experiments in modal confinement and pulse shaping	Dr. ANDONIAN, Gerard
89	High gradient IFEL acceleration and deceleration in strongly tapered undulators.	Prof. MUSUMECI, Pietro
12	X-band accelerator structures: on going R&D at the LNF-INFN	Dr. SPATARO, Bruno
51	Design and Test of Damped/High Gradient/High repetition rate C-Band Accelerating Structures for the ELI-NP Linac	ALESINI, David

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13	An influence of plasma on the wakefield amplitude excited in a dielectric structure by bunch train	Dr. SOTNIKOV, Gennadiy
29	Real-time diagnostic for charging and damage of dielectrics	Dr. SHCHELKUNOV, Sergey
210	Advanced Acceleration and THz Generation by Dielectric Based Structures: ANL/AWA/Euclid Techlabs Collaboration Activities	Dr. KANAREYKIN, Alexei
124	The dynamics of metal surfaces under high fields	WUENSCH, Walter
136	First Measurements of Low Breakdown Rate in a Beam-Loaded High-Gradient Accelerating Structure	Dr. NAVARRO QUIRANTE, Jose Luis
246	Electron acceleration at a dielectric structure: updates from the lab	Prof. HOMMELHOF, Peter

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Session 4

150	Recent Experiments at the Argonne Wakefield Accelerator Facility (AWA)	CONDE, Manoel
172	AREAL Test Facility for Advanced Accelerator and Radiation Sources Concepts	Prof. TSAKANOV, Vasili
65	VELA/CLARA at Daresbury Laboratory as a test-bed for advanced accelerator concepts	Dr. SAVELIEV, Yuri

4 POSTERS		
1	Future Applications of the Dielectric Wakefield Accelerators in the SINBAD Project at DESY	Dr. NIE, Yuancun Prof. TSAKANOV, Vasili; Dr. IVANYAN, Michael; Dr. TSAKANIAN, Andranik; Dr. GRIGORYAN, Bagrat
170	High Frequency Single Mode Traveling Wave Structure for Particle Acceleration	Dr. TERYAEV, Vladimir E. Mr. FARABOLINI, Wilfrid
100	MULTI-BEAM LINEAR ACCELERATOR EVT	
120	The CTF3 facility: a unique place for testing future accelerators concepts.	

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23 TALKS

highlight talks

Session 1

106	SINBAD - The accelerator R&D facility under construction at DESY	Mr. DORDA, Ulrich
50	UH-FLUX project	Prof. SERYI, Andrei
38	The Accelerator Test Facility and its Accelerator Stewardship Role*	Prof. BEN-ZVI, Ilan
152	The SPARC_Lab Thomson Source	VACCAREZZA, Cristina

Session 2

135	Transport and control of LWFA electron beam towards the FEL amplification at COXINEL	Dr. KHOJOYAN, Martin
153	Development of short period High field cryogenic undulator at SOLEIL	Dr. COUPRIE, Marie-Emmanuelle
76	Design and Characterization of Permanent Magnetic Solenoids for REGAE	Mr. HACHMANN, Max

Session 3

215	Formation of sub-femtosecond microstructures via transverse-to-longitudinal phase space exchange	PHILIPPE, Piot
168	Testing advanced cooling techniques	Prof. LITVINENKO, Vladimir
9	Low energy gamma-gamma collider for QED measurements	SERAFINI, Luca
188	Cooling of relativistic electron beams in intense laser pulses	Dr. YOFFE, Samuel

Session 4

173	Optimization of a magnetic energy selector for laser-driven proton beams and application for the domain of Cultural Heritage	SCISCIO, Massimiliano
247	High efficiency FEL for EUV lithography	A. MUROKH
70	Laser-driven electron beams and their applications	Prof. KARSCH, Stefan
85	Interstage optics design for a plasma wakefield linear collider	Dr. ADLI, Erik; Mr. LINDSTRÖM, Carl Andreas

Session 5

24	Betatron radiation from a self-modulated laser-wakefield accelerator	Dr. ALBERT, Felicie
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115	Investigation of electron beam dynamics from the Betatron radiation pattern of laser-wakefield accelerators	Mr. KOEHLER, Alexander
81	All-optical free electron lasers -- realizable with Traveling-wave Thomson scattering	Dr. DEBUS, Alexander; Mr. STEINIGER, Klaus
117	Linear and nonlinear Thomson scattering from the PHOENIX x-ray source	Mr. JOCHMANN, Axel

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104	Electron-Beam Manipulation Techniques in the SINBAD Linac for External Injection in PWFA	MARCHETTI, Barbara
79	Advanced Bunching Scheme at REGAE	Mr. ZEITLER, Benno
196	Quantitative X-Ray Phase-Contrast Microtomography from a Compact Laser Driven Betatron Source	Mr. WENZ, Johannes
163	Exploring the capabilities of the Trojan Horse method to drive soft and hard X-ray FEL's	Mr. WITTIG, Georg

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53	A high-density plasma source for AWAKE	Dr. GRULKE, Olaf
92	6D phase space electron beam analysis and machine sensitivity studies for ELI-NP GBS	Ms. GIRIBONO, Anna
111	GENERATION AND MATCHING SUB-FS ELECTRON BUNCH FOR LASER-DRIVEN PLASMA ACCELERATION AT SINBAD	Mr. ZHU, Jun
113	Electron beam final focus system for Thomson scattering	Mr. KRfMER, Jakob
126	RF power distribution System and experimental characterization of RF Gun and C-band accelerating structures for the ELI-NP Linac	CARDELLI, Fabio
138	Collective Effects in the Phase-Space Manipulation of a Low Energy Electron Beam	Dr. SUN, Yine
157	Development of desktop Dielectric Ion Accelerator for radiobiological experiment	Mr. SHINOMIYA, Kenichi
		Prof. TSAKANOV, Vasilii; Dr. GRIGORYAN, Bagrat; Prof. HAROUTIUNIAN, Samvel; Prof. AROUTIUNIAN, Rouben; Prof. YERITSYAN, Grant; Dr. MARTIROSYAN, Norair; Prof. DALYAN, Eva
178	AREAL Low Energy Electron Beam Application in Life and Materials Sciences	
33	WAKEFIELD PLASMA LENS, PROVIDING HOMOGENEOUS AND IDENTICAL FOCUSING OF TRAIN OF SHORT RELATIVISTIC ELECTRON BUNCHES	Mrs. LEVCHUK, Iryna

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WG4

174	Optimization study of a transport line for electron beams generated by laser-plasma interaction	SCISCIO', Massimiliano; LANCIA, Livia; MIGLIORATI, Mauro
204	Plasma production for electron acceleration by resonant plasma wave.	ANANIA, Maria Pia
216	Tailored electron bunches from a superconducting linac for beam-driven-acceleration methods with enhanced transformer ratios	PHILIPPE, Piot
15	Application of a PWFA to a X-ray FEL	Ms. ISRAELI, Yasmine
119	FLASH Pulse Stacker for FLASHForward double electron bunch generation upgrade and initial compression studies	Dr. DALE, John
193	Tunable All-Optical Quasimonochromatic Thomson X-Ray Source in the Nonlinear Regime	Mr. KHRENNIKOV, Konstantin

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16 TALKS

highlight talks

Session 1: Waveguides and hollow channels (Chair: B. Cros)

203	Wakefield electron acceleration in guiding structures under real 3-D nonsymmetrical conditions	Prof. ANDREEV, Nikolay
160	Electron acceleration in deep plasma channels in the Bubble regime	Prof. PUKHOV, Alexander
103	Propagation of high-intensity femtosecond laser pulses through ablating metal waveguides	Prof. LOTOV, Konstantin
84	Continuous-Flow Plasma Target for LWFA: Concept Towards High Repetition Rates	Mr. DELBOS, Niels

Session 2: Radiation-based transverse diagnostics (Chair: E. Chiadroni)

10	Synchronization of ebeam and laser beam in 'Trojan horse' plasma wakefield experiment	Mr. XI, Yunfeng
154	Characterisation of Bright X-ray Beams by Powder Diffraction	Mr. CHEUNG, Gavin; Prof. HOOKER, Simon
200	Inverse Compton Scattering as a diagnostic of electron beams	Dr. STREETER, Matthew
133	Experimental considerations on emittance growth in the Drive Beam recombination at CTF3.	GAMBA, Davide

Session 3: target structure and plasma diagnostics (Chair: B. Cros)

91	Laser-ionized plasma source for plasma wakefield accelerators	Dr. OZ, Erdem
165	Influence of realistic plasma density profile on ionization-induced electron injection driven by laser wakefield	Mr. AUDET, Thomas
205	Spectroscopic determination of electron density and species distribution	Dr. SCHAPER, Lucas
41	Opto-acoustic measurements of the plasma density within a gas-filled capillary plasma source	Dr. BIAGIONI, Angelo

Session 4: Radiation-based longitudinal diagnostics (Chair: E. Chiadroni)

195	Bunch Profile Reconstruction and Evolution of Laser-Wakefield accelerated Electron Bunches by Single-Shot Measurement of Coherent Transition Radiation	Mr. HEIGOLDT, Matthias
114	Broadband (UV - mid-IR) spectrometer for single-shot femtosecond electron bunch measurement	Mr. ZARINI, Omid
82	Longitudinal phase space diagnostic for ultrashort bunches	DORNMAIR, Irene
95	Progress of self-modulation experiments with electron and positron beams in plasma wakefield experiments at FACET	Dr. ADLI, Erik

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54	Stark broadening measurements of Hydrogen lines for electron density measurements in SPARC_LAB plasma-based acceleration experiments.	FILIPPI, Francesco
77	A diagnostic to measure rubidium vapor density during the AWAKE experiment at CERN	Mr. BATSCH, Fabian
121	Laser pulse propagation in a meter scale Rb vapor plasma	Mrs. JOULAEI, Atefeh
156	Controlled Plasma Generation for Beam Driven Plasma Wakefield Accelerators	Ms. TAUSCHER, Gabriele
164	Plasma Density Measurement Using Interferometry.	Mr. THORNTON, Christopher
167	A compact, low cost Marx bank for driving capillary discharge plasmas	Dr. DYSON, Anthony
211	Recent studies of Smith-Purcell radiation as longitudinal bunch profile monitor	Mr. DELERUE, Nicolas
80	Transverse emittance measurement at REGAE	Mr. HACHMANN, Max
179	Capturing an RF Photo-Electron Bunch in a Laser Plasma Wakefield	CESAR, David
207	Electron spin precession in the laser wakefield acceleration	Mrs. PUGACHEVA, Daria
5	Advanced diagnostics for Laser Plasma Acceleration experiments.	Dr. CURCIO, Alessandro
39	Indirect Proton Beam Self-Modulation Instability Measurements	Mrs. TURNER, Marlene
45	Streak camera diagnostics for a self-modulated proton bunch	Mr. RIEGER, Karl
198	Coherent transition radiation in a microwave millimeter band from AWAKE modulated proton bunch	Dr. MARTYANOV, Mikhail
16	Betatron radiation based diagnostics for plasma wakefield accelerated electron beams at the SPARC_LAB test facility	SHPAKOV, Vladimir
83	Broadband transition radiation measurements for the temporal diagnosis of ultra-short plasma-accelerated electron bunches	Dr. PALMER, Charlotte
19	Experimental studies for rubidium-plasma generation by femtosecond laser pulses	Dr. BARNA, Imre Ferenc
177	Experimental Characterization of Rubidium Vapor Photoionization in a Meter-Scale Rubidium plasma source	Dr. MOODY, Joshua

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14 TALKS

highlight talks

Session 1

37	Architect: a 2D hybrid kinetic-fluid code for Plasma Wake Field Acceleration	Mr. MASSIMO, Francesco; MAROCCHINO, Alberto
14	hybrid-code and PIC-code simulations for PWFA at SPARC_LAB	MAROCCHINO, Alberto; Mr. MASSIMO, Francesco
72	SMILEI, an open source PIC code with focus on load balancing issues	Dr. BECK, Arnaud
149	High-performance modeling of plasma-based acceleration using the full PIC method	VAY, Jean-luc

Session 2

21	Beam loading and betatron radiation from a bubble in a deep plasma channel	GOLOVANOV, Anton
31	Self modulated dynamics of a relativistic charged particle beam in plasma wake field excitation	Mrs. AKHTER, Tahmina
73	Self-modulation of long particle beams in plasma wakefield accelerators	Prof. LOTOV, Konstantin

Session 3

3	Phase space moment equation model of highly relativistic electron beams in plasma wakefield accelerators	Prof. ROBSON, Robert
56	The concept of coupling impedance in the plasma wake field excitation as a new tool for describing the self-consistent interaction between the driving beam with the surrounding plasma	Prof. FEDELE, Renato
213	Quantum dynamics of relativistic charged particles interacting with a laser-induced plasmon wave	Prof. VARRO, Sandor

Session 4

217	The Dynamics of the Electron Bunches Accelerated by the Wakefield Bubbles Excited by the Laser Pulse	Ms. SVYSTUN, Olena
36	Laser-plasma acceleration: A close view on self-injection mechanisms	PALLA, Daniele
108	Simulation of Errors in Multi-Pulse Laser Wakefield Acceleration	Mr. ARRAN, Christopher
248	Hot electron currents in ultra-intense laser-solid interactions	Thomas Kluge

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183	Emission of Strong Terahertz pulses from Laser Wakefields in weakly coupled Plasma	Ms. SINGH, Divya
8	A New Scheme for High-Intensity Laser-Driven Electron Acceleration in a Plasma	Dr. SADYKOVA, Saltanat
17	Laser Ion Acceleration at ELI-ALPS	Dr. SHARMA, Ashutosh
20	Electron Acceleration by a Bichromatic Chirped Laser Pulse in Underdense Plasmas	Mr. POCSAI, Andr-s
34	Piecewise-homogeneous model for electron side injection into linear plasma waves	GOLOVANOVA, Anton
40	Modeling of two-electron temperature plasma expansion into vacuum	Mr. BARA, Djemai
59	LCODE: quasistatic code for computationally heavy problems of plasma wakefield acceleration	SOSEDKIN, Alexander
60	Injection of electrons into the wakefield over a smooth plasma density entrance	Mr. TUEV, Petr
63	Beam Loading in a Plasma Wakefield Accelerator at Daresbury Laboratory	Mr. HANAHOE, Kieran
		Mr. SHALLOO, Robert; Dr. CORNER, Laura; Mr. ARRAN, Christopher; Mr. COWLEY, James; Mr. CHEUNG, Gavin; Mr. THORNTON, Christopher; Prof. WALCZAK, Roman; Prof. HOOKER, Simon
64	Generation of Pulse Trains Suitable for Multi-Pulse Laser Wakefield Acceleration	
		Dr. JOVANOVIC, Dusan
102	Semianalytical fluid study of the propagation of an ultrastrong femtosecond laser pulse in a plasma with ultrarelativistic electron jitter	
105	Study and design of the acceleration of electrons by Laser Wakefield Acceleration (LWFA) in the CILEX project using WARP	Mr. LEE, Patrick
109	Effect of transverse non-uniformity of the plasma density on wakefield evolution	Mr. MINAKOV, Vladimir
151	The evolution of the laser pulse in the quasistatic model of Plasma Wakefield Accelerator	Mr. SPITSYN, Roman
218	Numerical investigation of the lepton self-modulation plasma wakefield acceleration for the E-209 experiment at SLAC-FACET	Ms. AMORIM, Ligia Diana
7	Thermionic Electron Beam Guns for Accelerators	Dr. FARIDI, M. Ayub

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8 TALKS

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Session 1

68	The Extreme Light Infrastructure (ELI) – from distributed implementation to unified operation	Dr Miron
47	Temporal and spectral characterization of the ultra-short high power laser pulses	Mr Galletti
48	Interferometric stabilisation of pulse train generation and high repetition rate, high energy fibre laser development	Dr. Corner
131	LUX laser beamline for LWFA	Dr. WALKER, Paul Andreas

Session 2

2	BESTIA - the next-generation ultra-fast CO2 laser for advanced accelerator research	Dr Pogorelsky
134	Control systems and operation of a 200 TW laser system for laser-plasma acceleration	Dr Jolly
137	Ionization induced compression of a tightly focused laser beam	Dr Guenot
142	Laser pulse shaping for high gradient accelerators	Dr Villa

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66	Production of quasi-ellipsoidal photo cathode laser pulses for next generation high brightness photo injectors	Dr. RUBBLACK
98	Laser-capillary interaction for the EXIN project	Mr. BISESTO
129	Progress of the characterization of the components of the COXINEL transfer line towards the undulator	Mr. YANG
202	Overview of the control and performance monitoring system of the 200TW ANGUS laser system	Mr. SCHNEPP

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