

3rd European Advanced Accelerator Concepts Workshop

Monday, September 25, 2017

WG1 Parallel - SML, Sala Maria Luisa (4:00 PM - 5:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
4:00 P	[M10] Experimental measurement of transverse wakefields in hollow plasma channels	Mr LINDSTRØM, Carl Andreas
4:18 P	[M30] Fully optically controlled 90 degree Trojan Horse injection	Mr ULLMANN, Daniel
4:36 P	[M02] Theoretical and experimental studies of plasma generation for beam-driven plasma wakefield accelerators	Mrs TAUSCHER, Gabriele
4:54 P	[M] Experimental investigation of high transformer ratio PWFA using photocathode laser based bunch shaping	LOISCH, Gregor
5:12 P	[M13] Recent results at SPARC_LAB	Dr POMPILI, Riccardo

WG1 Parallel - SML, Sala Maria Luisa (6:00 PM - 7:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
6:00 P	[M6] FLASHForward X-1: High-brightness electron beams from a plasma cathode	Mr KNETSCH, Alexander
6:18 P	[M04] Multi-GeV electron acceleration from self-guided laser wakefield accelerators with extended focussing geometry	Dr PODER, Kristjan
6:36 P	[M8] Demonstration of a beam loaded nanocoulomb-class laser wakefield accelerator	Mr COUPERUS, Jurjen
6:54 P	[M1] Demonstration of the Excitation and Control of Plasma Wakefields by Multiple Laser Pulses	Prof. HOOKER, Simon
7:12 P	[M56] Timing measurement of laser-accelerated electron beams	Dr KANDO, Masaki

Tuesday, September 26, 2017

WG1 Parallel (4:00 PM - 5:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
4:00 P	M146] Inverse Thomson Scattered x-rays from a Laser-Plasma Accelerator and Plasma Mirror	Ms HANNASCH, Andrea
4:18 P	M171] Enhanced Betatron Radiation from a Laser Wakefield Accelerator in a Long Focal Length Geometry	Dr WOOD, Jonathan
4:36 P	M18] High-brilliance betatron gamma-ray source powered by laser-accelerated electrons	Dr FERRI, Julien
4:54 P	M131] Traveling-Wave Electron Acceleration - Beyond the dephasing and depletion limits of laser-wakefield acceleration	Dr DEBUS, Alexander
5:12 P	M117] Laser wakefield electron acceleration with high power, few-cycle mid-IR lasers	Dr PAPP, Daniel

WG1 Parallel (6:00 PM - 7:30 PM)

-Conveners: Erik Adli; Riccardo Pompili; Stefan Karsch

time	[id] title	presenter
6:00 P	M160] High quality plasma wakefield acceleration experiment in linear regime at SPARC_LAB	ROMEO, Stefano
6:18 P	M140] High brightness, plasma boosted beams for driving a Free Electron Laser	Dr ROSSI, Andrea Renato
6:36 P	M156] FLASHForward X-2: Beam quality preservation in a plasma booster	Dr LIBOV, Vladyslav
6:54 P	M163] Particle acceleration in twisted plasma waves with orbital angular momentum	Dr VIEIRA, Jorge
7:12 P	M136] On the impact of short laser pulses on cold low-density plasmas	Prof. FIORE, Gaetano

Wednesday, September 27, 2017

WG1 Parallel (4:00 PM - 5:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
4:00 PM	[M1] Indirect Measurement of the Self-Modulation Instability in the AWAKE experiment at CERN	Mrs TURNER, Marlene
4:18 PM	[M174] First results of CTR measurement of modulated proton bunch in AWAKE	Dr MARTYANOV, Mikhail
4:36 PM	[M161] Heterodyne measurement of CTR from self-modulation instability (SMI) in AWAKE	Mr BRAUNMUELLER, Falk
4:54 PM	[M195] Status of the Electron source and transfer lines for the AWAKE Experiment at CERN	Dr PEPITONE, Kevin
5:12 PM	[M197] Studies of an ultra-short bunch injector for AWAKE RUN2	Mr WILLIAMSON, Barney Dr DOEBERT, Steffen

Thursday, September 28, 2017

WG1 Parallel (4:00 PM - 5:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
4:00 P	[M01] Controlled and combined injection schemes for laser wakefield accelerators	Dr DÖPP, Andreas
4:18 P	[M02] Laser wakefield acceleration in a heterogeneous plasma	Mr SAVIO, Rozario
4:36 P	[M03] The role of direct laser acceleration of electrons in a laser wakefield accelerator with ionization injection	Mr CANDEIAS LEMOS, Nuno
4:54 P	[M05] Effects of the nitrogen concentration in direct laser acceleration of electrons in a laser wakefield accelerator	GALLARDO GONZALEZ, Isabel
5:12 P	[M06] A tunable electron beam source using density down-ramp trapping	Mr EKERFELT, Henrik

WG1 Parallel (6:00 PM - 7:30 PM)

-Conveners: Erik Adli; Stefan Karsch; Riccardo Pompili

time	[id] title	presenter
6:00 P	[M32] Two-Pulse Ionisation Injection with simultaneous space-time focused pulses	Dr HOLLOWAY, James
6:18 P	[M03] Long-range attraction of an ultrarelativistic electron beam by a column of neutral plasma	Dr ADLI, Erik
6:36 P	[M05] A laser-to-beam-driven plasma wakefield accelerator	Dr MARTINEZ DE LA OSSA, Alberto
6:54 P	[M0] Research Towards Hybrid Accelerators	Mr GILLJOHANN, Max
7:12 P	[M21] Emittance of the accelerated electron bunch in two-stage AWAKE scenario	Mr MINAKOV, Vladimir