

1st European Advanced Accelerator Concepts Workshop

Wednesday, June 5, 2013

WG1+6 - Maria Luisa (4:00 PM - 5:30 PM)

-Conveners: Luis O. Silva

time	[id] title	presenter
4:00 PM	[92] Wakefield dynamics and electron acceleration in guiding structures	Prof. ANDREEV, Nikolay
4:15 PM	[29] All-optical control of electron injection for GeV-scale acceleration in mm-scale, tapered plasmas.	Dr KALMYKOV, Serguei
4:30 PM	[60] Electron laser wakefield acceleration with the CILEX facility, a PIC simulation based investigation	Dr BECK, Arnaud
4:45 PM	[16] Optical Transverse Injection: A New Mechanism of Injection in Laser-Wakefield Acceleration	Mr LEHE, Remi
5:00 PM	[105] Radiation Reaction in Laser Wakefield Accelerators	Ms VRANIC, Marija
5:15 PM	[75] External-Injection experiment at the SPARC_LAB facility	Dr ROSSI, Andrea Renato

WG1+6 - Maria Luisa (6:00 PM - 7:30 PM)

-Conveners: Luis O. Silva

time	[id] title	presenter
6:00 PM	[90] Beam-Driven Plasma Acceleration with Density Downramp Injection at FLASH	Dr GREBENYUK, Julia
6:15 PM	[15] Numerical Modeling of Laser-Wakefield Electron Acceleration Inside a Dielectric Capillary Tube	Dr PARADKAR, Bhooshan
6:30 PM	[64] Lighting Up the Inner Workings of LWFA – How Radiative Particle-in-Cell Simulations can Shed New Light into the Dynamics of Laser-Accelerated Electrons	Mr PAUSCH, Richard
6:45 PM	[73] Two-Pulse Ionization Injection into Quasi-Linear Plasma Wakefields	Mr BOURGEOIS, Nicolas
7:00 PM	[99] High-Quality Electron Beams from Ionization-Induced Self-Trapping in the Strong Blow-out Regime of Beam-Driven Plasma Wakes.	Dr MARTINEZ DE LA OSSA, Alberto
7:15 PM	[54] New Exact Solutions of the Dirac Equation of a Charged Particle Propagating in a Strong Laser Field in an Underdense Plasma	Prof. VARRO, Sandor