

2nd European Advanced Accelerator Concepts Workshop

Monday, September 14, 2015

WG4 - Application of compact and high-gradient accelerators/Advanced beam manipulation and control - SE Sala Elena

(4:00 PM - 5:30 PM)

-Conveners: Luca Serafini; Marie-Emmanuelle Couprie

time	[id] title	presenter
4:00 PM	[106] SINBAD - The accelerator R&D facility under construction at DESY	Mr DORDA, Ulrich
4:20 PM	[50] UH-FLUX project	Prof. SERYSI, Andrei
4:40 PM	[38] The Accelerator Test Facility and its Accelerator Stewardship Role*	Prof. BEN-ZVI, Ilan
5:00 PM	[152] The SPARC_Lab Thomson Source	VACCAREZZA, Cristina

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(6:00 PM - 7:30 PM)

-Conveners: Luca Serafini; Marie-Emmanuelle Couprie

time	[id] title	presenter
6:00 PM	[135] Transport and control of LWFA electron beam towards the FEL amplification at COXINEL	Dr KHOJOYAN, Martin
6:20 PM	[153] Development of short period High field cryogenic undulator at SOLEIL	Dr COUPRIE, Marie-Emmanuelle
6:40 PM	[76] Design and Characterization of Permanent Magnetic Solenoids for REGAE	Mr HACHMANN, Max

Tuesday, September 15, 2015

WG4 - Application of compact and high-gradient accelerators/Advanced beam manipulation and control - SE Sala Elena **(3:00 PM - 5:30 PM)**

-Conveners: Luca Serafini; Marie-Emmanuelle Couprie

time	[id] title	presenter
3:00 PM	[215] Formation of sub-femtosecond microstructures via transverse-to-longitudinal phase space exchange	PHILIPPE, piot
3:20 PM	[168] Testing advanced cooling techniques	Prof. LITVINENKO, Vladimir
3:40 PM	[9] Low energy gamma-gamma collider for QED measurements	SERAFINI, Luca
4:00 PM	[188] Cooling of relativistic electron beams in intense laser pulses	Dr YOFFE, Samuel
4:20 PM	[173] Optimization of a magnetic energy selector for laser-driven proton beams and application for the domain of Cultural Heritage	SCISCIO', Massimiliano
4:40 PM	[247] Experimental Demonstration of Inverse Compton Scattering Source in a Pulse Train Mode at 40 MHz	MUROKH, Alex
5:00 PM	[104] Electron-Beam Manipulation Techniques in the SINBAD Linac for External Injection in PWFA	MARCHETTI, Barbara

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-Conveners: Luca Serafini; Marie-Emmanuelle Couprie

time	[id] title	presenter
6:00 PM	[85] Interstage optics design for a plasma wakefield linear collider	Mr LINDSTRØM, Carl Andreas

Thursday, September 17, 2015

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-Conveners: Luca Serafini; Marie-Emmanuelle Couprie

time	[id] title	presenter
4:00 PM	[24] Betatron radiation from a self-modulated laser-wakefield accelerator	Prof. JOSHI, Chandrashekhar
4:20 PM	[115] Investigation of electron beam dynamics from the Betatron radiation pattern of laser-wakefield accelerators	Mr KOEHLER, Alexander
4:40 PM	[81] All-optical free electron lasers -- realizable with Traveling-wave Thomson scattering	Dr DEBUS, Alexander
5:00 PM	[117] Linear and nonlinear Thomson scattering from the PHOENIX x-ray source	Mr JOCHMANN, Axel

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time	[id] title	presenter
6:00 PM	[70] Laser-driven electron beams and their applications	Prof. KARSCH, Stefan
6:20 PM	[79] Advanced Bunching Scheme at REGAE	Mr ZEITLER, Benno
6:40 PM	[196] Quantitative X-Ray Phase-Contrast Microtomography from a Compact Laser Driven Betatron Source	Mr WENZ, Johannes
7:00 PM	[163] Exploring the capabilities of the Trojan Horse method to drive soft and hard X-ray FEL's	Mr WITTIG, Georg