

Low Emittance Rings 2014 Workshop

Wednesday, 17 September 2014

Design issues and optimization (LERD) - Aula B. Touschek, Bldg 36 (09:10 - 11:10)

-Conveners: Laurent Nadolski

time	[id] title	presenter
09:10	[3] Introduction to design issues and optimisation of low emittance rings	CAI, Yunhai
09:30	[4] Status of ESRF Upgrade phase II	REVOL, Jean-Luc
09:50	[5] Diamond II	BARTOLINI, Riccardo
10:10	[6] First studies on a possible SLS upgrade	EHRlichMANN, Michael
10:30	[7] Elettra 2.0 - Next machine	KARANTZOULIS, Emanuel
10:50	[8] The new 7BA design of BAPS	XU, Gang

Design issues and optimization (LERD) - Aula B. Touschek, Bldg 36 (11:30 - 12:50)

-Conveners: Andreas Streun

time	[id] title	presenter
11:30	[9] Low Emittance Model for the Anka Synchrotron Radiation Source Including Non-Linear Effects	PAPASH, Aleksandr
11:50	[10] Low emittance cell with large dynamic aperture	PIMINOV, Pavel
12:10	[11] Robust Design of Low Emittance Rings	BENGTSSON, Johan
12:30	[12] Round beam project at Soleil	NAGAOKA, Ryutaro

Thursday, 18 September 2014

Design issues and optimization (LERD) - Aula B. Touschek, Bldg 36 (11:20 - 13:20)

-Conveners: Louis Emery

time	[id] title	presenter
11:20	[22] Longitudinal gradient super-bends and anti-bends for compact low emittance light source lattices	STREUN, Andreas
11:40	[23] Analytical considerations for reducing the emittance with longitudinally variable bends	PAPADOPOULOU, Stefania
12:00	[24] Emittance Reduction in High Energy Photon Source (HEPS) with a Robinson Wiggler	PENG, Yuemei
12:20	[25] Ultimate synchrotron radiation source with horizontal field wigglers	BOGOMYAGKOV, Anton
12:40	[13] Nonlinear lattice optimization with a multi-objective particle swarm algorithm	HUANG, Xiaobiao
13:00	[14] Integration of s-dependent Hamiltonian and revision of the Kick-map theory	GUO, Weiming

Design issues and optimization (LERD) - Aula B. Touschek, Bldg 36 (15:00 - 16:20)

-Conveners: James Safranek

time	[id] title	presenter
15:00	[50] Efficient MOGA for NSLS-II Ring Dynamic Aperture Optimization	LI, Yongjun
15:20	[26] Longitudinal top-up injection for small aperture storage rings	SAA HERNANDEZ, Angela
15:40	[27] On axis injection scheme for ultimate storage ring with double RF systems	JIANG, Bocheng
16:00	[56] APS Upgrade	EMERY, Louis