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The 35th International Symposium on Lattice Field Theory

Monday 19 June 2017

Algorithms and Machines - Seminarios 8 (14:30-16:10)

- Conveners: DeTar, Carleton

time	title	presenter
14:30	Multigrid accelerated simulations for Twisted Mass fermions	BACCHIO, Simone
14:50	Advances in Adaptive Multigrid Algorithm for QUDA	CLARK, Kate
15:10	Update on a Staggered Multigrid Algorithm in Four Dimensions	WEINBERG, Evan
15:30	Convergence theory for adaptive smoothed aggregation multigrid methods used in lattice QCD	WHITE, JR., Edward
15:50	A staggered eigensolver based on sparse matrix bidiagonalization	OSBORN, James

Algorithms and Machines - Seminarios 8 (16:40-18:00)

- Conveners: Dr. Clark, Kate

time	title	presenter
16:40	Optimization of the Brillouin operator on the KNL architecture	DURR, Stephan
17:00	An in-depth evaluation of the Intel Omni-Path network for LQCD applications	GEORG, Peter
17:20	[free slot]	
17:40	[free slot]	

Tuesday 20 June 2017

Algorithms and Machines - Seminarios 8 (15:00-16:40)

- Conveners: Luescher, Martin

time	title	presenter
15:00	Fighting topological freezing in the two-dimensional CP^{N-1} model	HASENBUSCH, Martin
15:20	Ergodicity of the LLR method for the Density of States	RAGO, Antonio
15:40	A Numerical Study of Renormalization Group Transformations on Multiscale Lattices	TU, Jiqun
16:00	Testing algorithms for Critical Slowing Down	COSSU, Guido
16:20	Going wide and local: Block Krylov space solvers as a means to achieve better compute resource utilization	WAGNER, Mathias

Algorithms and Machines - Seminarios 8 (17:10-19:30)

- Conveners: Prof. Giusti, Leonardo

time	title	presenter
17:10	MILC code performance on high end CPU and GPU supercomputer clusters	LI, Ruizi
17:30	Coarse Dynamical Fermion Lattices	MAWHNNEY, Robert
17:50	Fermion Bag Approach to Lattice Hamiltonian Field Theories	HUFFMAN, Emilie
18:10	CLS 2+1 flavor simulations at physical light- and strange-quark masses	MOHLER, Daniel
18:30	Domain Wall QCD with the Exact One Flavor Algorithm	MURPHY, David
18:50	Simulation of an ensemble of $N_f=2+1+1$ twisted mass clover-improved fermions at physical quark masses	FINKENRATH, Jacob
19:10	Getting the most out of Intel(R) Xeon Phi(tm) processor	SERVAT, Harald