

HPC-LEAP / ERC sponsored collaboration meeting

Topic: Progress on the Hybrid Monte Carlo (HMC) algorithm for stochastic PDEs

The meeting will take place in Rome in 17-18/May 2018. Prof. Luca Biferale and Ph.D student Georgios Margazoglou invite three (3) scholars (in bold) who will give individual seminars regarding the progress of the collaboration. More specifically:

	Thursday 17/5	Friday 18/5
9:00 – 10:00	Prof. Luca Biferale: “ <i>Review of the physics of the Burgers equation</i> ”	Margazoglou Georgios: “ <i>The reweighting technique</i> ”
10:00 – 11:00	Prof. Rainer Grauer : “ <i>The importance of instantons in stochastic PDEs.</i> ”	Margazoglou Georgios: “ <i>New results in instanton nudging</i> ”
11:00 – 12:00	Dr. Karl Jansen : “ <i>The Hybrid Monte Carlo for the path integral formalism.</i> ”	Prof. Luca Biferale: “ <i>Summary and new perspectives</i> ”
12:00 – 13:00	Lunch	Lunch
13:00 – 14:00	Prof. Raffaele Tripiccione : “ <i>The Fourier acceleration technique.</i> ”	Closure
14:00 – 15:00	Round table discussions – review of progress.	

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