

School on algorithms in lattice gauge theory & spin systems

to be held at
the Indian Association for the Cultivation of Science, Kolkata
January 27 – February 1, 2020
(<https://sites.google.com/site/algolgtss20>)

Courses:

Fermion Bag Methods

Shailesh Chandrasekharan (Duke University)

Tensor Network Methods

Ying-Jer Kao (National Taiwan University)

Typicality & Exact time evolution in Many-Body Systems

David J Luitz (MPIPKS, Dresden)

Stochastic Series Expansion Methods for Spin Systems

Anders W Sandvik (Boston University)

Recent developments in Domain Decomposition Methods

Stefan Schaefer (DESY, Zeuthen)

Recent progress in algorithms for Quantum Dimer / Link Models

Uwe-Jens Wiese (University of Bern)

In addition there will be topical seminars by

E. Huffman (Perimeter Inst.), P. Sengupta (NTU Singapore), S. Sharma (IMSc, Chennai), H. Suwa (Univ. of Tokyo)

Organizers : D. Banerjee (Humboldt Univ.), K. Damle (TIFR), A. Garg (SINP), P. Majumdar (IACS), A. Sen (IACS)

Application deadline : 9th Nov. 2019. Participation requests should be made to algolgtss20@gmail.com

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