

**Mini workshop
on
“Quantum Learning and Quantum Algorithms”**

19 September - 22 September 2017, Singapore

The topics discussed at the Mini workshop on “Quantum Learning and Quantum Algorithms” will be:

- 1) Quantum Algorithms
- 2) Quantum Games
- 3) Quantum Automata
- 4) Quantum Neural Networks
- 5) Quantum Markov Chains
- 6) Quantum Cellular Automata
- 7) Quantum Random Walks
- 8) Quantum Lambda Calculus
- 9) POVM Measurements
- 10) Entropic Uncertainty Relations

For each topic a 30 minute session is allocated.

Reference: “Problems and Solutions in Quantum Computing and Quantum Information” (3rd Edition) by Willi-Hans Steeb and Yorick Hardy, World Scientific, Singapore 2012

For more information please contact Prof. W.-H. Steeb at
steebwilli@gmail.com
International School for Scientific Computing