



One-Day Workshop on Topics in Quantum Computing



24th Shahrivar 1386
(2007, 15th September)

<http://alice.math.kindai.ac.jp/poster.pdf>

This one-day workshop is organized in a collaborative work between Department of Physics, Shahid Beheshti University, Iran, and Prof. Mikio Nakahara, Department of Physics, Kinki University, Japan. It will cover topics on theoretical and experimental quantum computing.

Lecturers:

Mikio Nakahara, Kinki University, Japan

Overview on quantum computing, from the viewpoint of a physicist

Akira SaiToh, Osaka University, Japan

Introduction to Matrix Product State (MPS) simulation for quantum computing

Robabeh Rahimi, Kinki University, Japan

Experimental realizations of quantum computation by electron and nuclear spins

Organizing Committee:

Kerasoos Ghafoori-Tabrizi [Shahid Beheshti University, Iran]

Mikio Nakahara [Kinki University, Japan]

Robabeh Rahimi [Kinki University, Japan]

Program:

9:00 ~ 10:30 M. Nakahara

10:40 ~ 12:10 M. Nakahara

13:10 ~ 14:10 A. SaiToh

14:20 ~ 15:20 R. Rahimi

15:30 ~ 16:30 Free talk on scientific educations and progress in research on quantum computing in Japan (questions and answers)

Place:

Department of Physics, Faculty of Science, Shahid Beheshti University, Tehran, Iran

Further information:

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