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NEWS

"FIRST COQUIT WORKSHOP"

Hannover , 18 -20, November 2010
 Institut für Theoretische Physik ,
 Appelstraße 2

From November 18th to 20th the EU FP7 project COQUIT will organize its first workshop in Hannover, Germany.

The main objective of the COQUIT project is the development of new theoretical methods for addressing physical limitations on quantum information technologies. The workshop will address several aspects of this topic, such as:

- Quantum computational complexity and quantum simulation
- Classical simulation of complex quantum systems
- Fermionic many-body systems
- Group theory and quantum control
- Decoherence and errors in quantum systems

Agenda

Invited speakers :

Ashley Montanaro (University of Cambridge, UK)

Dan Browne (University College London, UK)

Matthias Christandl (ETH Zurich, Switzerland)

Steve Flammia (Institute for Quantum Information Caltech, USA)

David Gross (ETH Zurich, Switzerland)

Aram Harrow (University of Washington, USA)

Christina Kraus (Max-Planck-Institut fuer Quantenoptik, Germany)

Maarten van den Nest (Max-Planck-Institut fuer Quantenoptik, Germany)

Joe Renes (Technische Universitaet Darmstadt, Germany)

Norbert Schuch (Institute for Quantum Information Caltech, USA)

Geza Toth (University of the Basque Country Bilbao, Spain)

Robert Zeier (Technische Universitaet Muenchen, Germany)

ISI Foundation

Viale S. Severo 65 - 10133 Torino - Italy - tel +39 011 6603090 fax +39 011 6600049

isi@isi.it - Villa Gualino, Torino

