

# 2009

# 4th Winter School on Quantum Information Science

February 11-14, 2009

Meeting Room CL 426, Lanyang Campus, Tamkang University, Yilan

## Introduction

The 4th Winter School on Quantum Information Science will be held from February 11-14, 2009 on the Lanyang Campus of Tamkang University. The goals of the Winter School are to bring the young researchers up-to-speed and fundamental physics about the new developments and related topics in the field of quantum information science and technology (QIST), and to promote and strengthen the interactions and exchange of knowledge among local and international researchers.

We have invited five international experts in this rapidly growing field of quantum computing and quantum information to be the school lecturers. The school lectures will cover solid-state (superconducting Josephson junction and quantum dot) quantum information processing and quantum entanglement theory.

We hope that the school will serve the purpose to interest and attract students and young scientists to work in this critical and exciting field, one of the visions we intend to achieve.

## Speakers

- Adan Cabello  
Departamento de Física Aplicada II,  
Universidad de Sevilla, Spain
- Darrick Chang  
Institute for Quantum Information,  
California Institute of Technology, USA
- Shao-Ming Fei  
School of Mathematical Sciences,  
Capital Normal University, China
- Alec Maassen van den Brink  
Research Center for Applied Sciences,  
Academia Sinica, Taiwan
- Yuriy Makhlin  
Moscow Institute of Physics and Technology,  
Russia

## Registration

Deadline: 2009 / 01 / 18  
<http://www.ncts.ncku.edu.tw/phys/qis/090211/>

## Sponsors

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National Cheng Kung University  
Dept. of Physics, Tamkang University  
Center for Quantum Science and Engineering, NTU

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