

The First International Workshop on Quantum Information Theory and Related Topics

The International Workshop on Quantum Information Theory and Related Topics took place at DTU from August 19th to 21st. The event was organized by the DTU Research and Development Center at 702 K7/25 on the Quang Trung campus. Attendees included professors, associate professors and PH.Ds from well-known Japanese universities, including Ritsumeikan University, Shibaura Institute of Technology, Shinshu University and the Tokyo Metropolitan University and many scientists from Vietnamese institutes and universities. Dr. Le Nguyen Bao, DTU Vice-Provost, the staff of the DTU Research and Development Center and a large number of lecturers from the DTU Faculty of Accounting, Information Technology and Electronics and Telecommunications also attended the workshop.



Participants at the workshop

Dr. Le Nguyen Bao, DTU Vice-Provost said: *"It is our pleasure to welcome to DTU scientists from Japan and many Vietnamese universities to the first International Workshop on Quantum Information Theory and Related Topics. We hope that the workshop will provide much useful information about Quantum Computation, which is a very new field in Vietnam, and open more opportunities for further collaboration."*

On behalf of the visiting Japanese scientists, Professor Emeritus Jun Tomiyama of Tokyo Metropolitan University said: *"We highly appreciate DTU's efforts in organizing this workshop to provide us opportunities to share our ideas about Quantum Information Theory. It's a pleasure to cooperate with DTU and we want to support you in this field. Thank-you very much for your warm welcome."*

Quantum Information Theory is an area of study based on the idea that information science depends on the quantum effects of physics. It includes theoretical issues in computational modeling, as well as experimental topics in quantum physics, including what can and cannot be done with quantum information.

The workshop focused on three main topics which were Quantum Information Theory, Financial Mathematics Theory and Matrix Quantum Theory. Twelve presentations were made at the workshop, with scientists exchanging information about Quantum Information Theory and future ways of expanding collaboration in research activities.

(Board of Website Editors)