

Joint CQSE & NCTS Seminar

2024
Dec. 13, Friday

Time: Dec. 13, 14:20 ~ 16:20

Title: Quantum computing and communication with single photons

Speaker: 褚志崧教授 (Department of Physics, National Tsing Hua University)

Place: Rm. 104, Chin-Pao Yang Lecture Hall, Department of Physics/CCMS, NTU

Online Link:

<https://nationaltaiwanuniversity-zbh.my.webex.com/nationaltaiwanuniversity-zbh.my/j.php?MTID=m7601bdfa496ccaf8aac2838aab8c25f2>

Abstract:

Quantum information processing enables denser encoding, safer transmission, and faster processing of information by harnessing quantum mechanical effects. In this talk, I will talk about how we use the optical approach to realize optical quantum computing and quantum communication.

Biography:

Education

2001.9–2006.12, Ph.D. in Physics, The University of Texas at Austin, USA.

1995.9–1999.6, B.S. in Physics, National Tsing Hua University, Taiwan.

Current position :

2024.08–present, Professor, Department of Physics, National Tsing Hua University, Taiwan

Experience :

2018.2–2024.7, Associate Professor, Department of Physics, National Tsing Hua University, Taiwan

2012.2–2018.1, Assistant Professor, Department of Physics, National Tsing Hua University, Taiwan

2012.6–2012.9, Visiting Scholar, Edward L. Ginzton Laboratory, Stanford University, USA

2008.8–2012.1, Postdoctoral research fellow, Edward L. Ginzton Laboratory, Stanford University, USA.

2007.2–2008.7, Postdoctoral research fellow,
Institute of Physics, University of Heidelberg,
Germany.



