

## **Session Program**

**31 August 2023 to 1 September 2023**

# **Historical Lectures in summary Quantum Information**

# Friday 1 September

09:20

## Quantum Information

### Session

09:20-09:40 Prof CHENG Guang-Lei

#### Subcontributions

Quantum Transportation of Nano Electronics Technology (2018-10-23,25)

09:40-10:20 Prof CHEN Yu-Ao

#### Subcontributions

Personal experience on the development of quantum information I ( 2021-11-30)

Personal experience on the development of quantum information II (2021-12-07)

10:20-10:40 Prof GUO Guo-ping

#### Subcontributions

Semiconductor Quantum Chip(2016-11-10)

10:40-12:00 Prof LI Chuan-Feng

#### Subcontributions

From Quantum Mechanics to Quantum Information(2023-09-012)

Experimental efforts to build a realistic Quantum Network(2023-09-14)

What is the Light?(2023-09-14)

Catch macro Schrodinger cat? (2023.09.14)

The impetus and inspire of research (2023-09-19)

12:00-12:20 Prof LIN Yi-Heng

#### Subcontributions

Quantum Information of Ion Trap Physics: Part I and II (2020-10-19,21)

12:20-12:40 Prof LU Chao-Yang

#### Subcontributions

Quantum computation and Quantum teleportation (2017-12-19)

**12:40-13:40 Prof PENG Xin-hua****Subcontributions**

Spin and its magnetic resonance (2023-09-28)

Spin quantum computing and simulation (2023-10-10)

Spin quantum precision measurement (2023-10-12)

**13:40-14:00 Prof RONG Xing****Subcontributions**

Quantum control and applications of spin (2019-10-08,10)

**14:00-14:20 Prof SHI Fa-Zhan****Subcontributions**

Diamond-based Nanoscale Magnetic Resonance Spectroscopy and Imaging(2017-10-12)

**14:20-14:40 Prof SUN Fang-Wen****Subcontributions**

Super-resolution imaging and Quantum sensor based on NV technology (2018-10-16,18)

**14:40-15:00 Prof WANG Ya****Subcontributions**

Diamond-based Quantum Computation (2017-10-10)

15:00