

International Symposium on  
**Advanced Quantum  
Technology  
for Future 2022**

March 8 (Tue), 2022

ONLINE



学内登録サイト

**Poster Session (12:00 - 13:30)**

**Oral Sessions (14:10 - 17:30)**

Exploring Excitonic Excitations in Momentum Space

Keshav M. Dani (Okinawa Institute of Science and Technology  
Graduate University)

Extreme Nonlinear Optics in Atomically Thin-Layer Semiconductors

Kento Uchida (Kyoto University)

Rydberg Atoms for Quantum Simulation and Computation

Jaewook Ahn (Korea Advanced Institute of Science and Technology  
(KAIST))

Quantum Simulation of Exotic Hubbard Models with Ultracold Atoms

Shintaro Taie (Kyoto University)

The Dynamics of Spin-Photon Hybrids

Hans Huebl (Walther-Meißner-Institute)

Emergence of Synthetic Rashba Field in Si

Masashi Shiraishi (Kyoto University)

主催： 京都大学 「未来を創る先端量子技術フェローシップ」  
京都大学 卓越大学院プログラム「先端光・電子デバイス創成学」