

IBS Conference on Quantum Nanoscience

# ICQNS 2023

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10-13 October 2023

Location: Ewha Womans University,  
Seoul, South Korea

### Bringing the quantum nanoscience community together

There are many conferences that cover subfields of quantum nanoscience. However, as far as the organizers know, there is currently no conference that brings this broad community under one roof. With this conference, we are bringing together leading experts and young scientists from all around the globe to share recent advances and have in-depth discussions on these exciting research topics.

ICQNS  
2023



Abstract  
submission  
by  
June 1, 2023

Website: [icqns2023.org](http://icqns2023.org)

## Speakers

**David Awschalom**  
University of Chicago

**Andrea Morello**  
University of New South Wales

**Harry Anderson**  
University of Oxford

**Danna Freedman**  
Massachusetts Institute of Technology

**Seigo Tarucha**  
RIKEN

**Andreas Heinrich**  
Center for Quantum Nanoscience

**Lisanne Sellies**  
University of Regensburg

**Ania Jayich**  
University of California, Santa Barbara

**Guido Burkard**  
University of Konstanz

**Yujeong Bae**  
Center for Quantum Nanoscience

**Rupert Huber**  
University of Regensburg

**Richard Warburton**  
University of Basel

**Junho Suh**  
POSTECH

**Yonuk Chong**  
Sungkyunkwan University (SKKU)

## Sessions

**Session 1:** Spin qubits in color centers and dopants

**Session 2:** Quantum nanophotonics

**Session 3:** Quantum control in molecular qubits

**Session 4:** Quantum surface science

**Session 5:** Quantum limits of mechanical motion

**Session 6:** Spin qubits in quantum dots

Host

