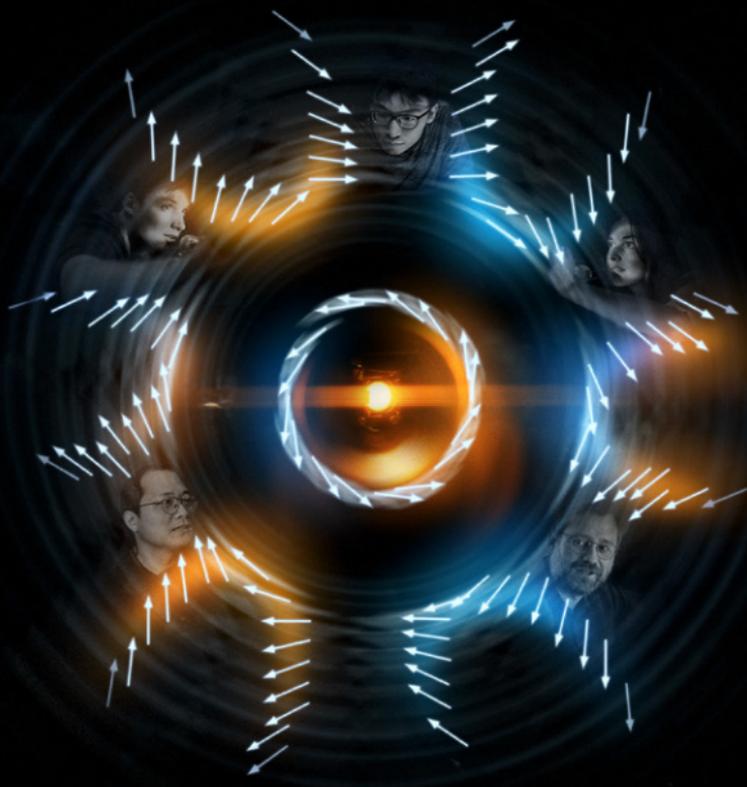


# QUANTUM SPINTRONICS 2026

INTERNATIONAL CONFERENCE  
JUNE 2<sup>ND</sup> - 4<sup>TH</sup>



Qu.  
Spin

# WELCOME TO QUANTUM SPINTRONICS 2026

## CONFERENCE CENTER

Hotel Scandic Nidelven, Havnegata 4, Trondheim

## HOTEL ACCOMMODATION

Hotel Scandic Nidelven, Havnegata 4, Trondheim

## CONFERENCE DINNER

Konsulatet (on the rooftop, take lift up),  
Munkegata 48, Trondheim

## BOATTRIP

Departure from Ravnkloa.  
Munkegata 70, Trondheim

## QUSPIN CENTER

Realfagbygget, E5, Høgskoleringen 5, Trondheim



SCANDIC NIDELVEN



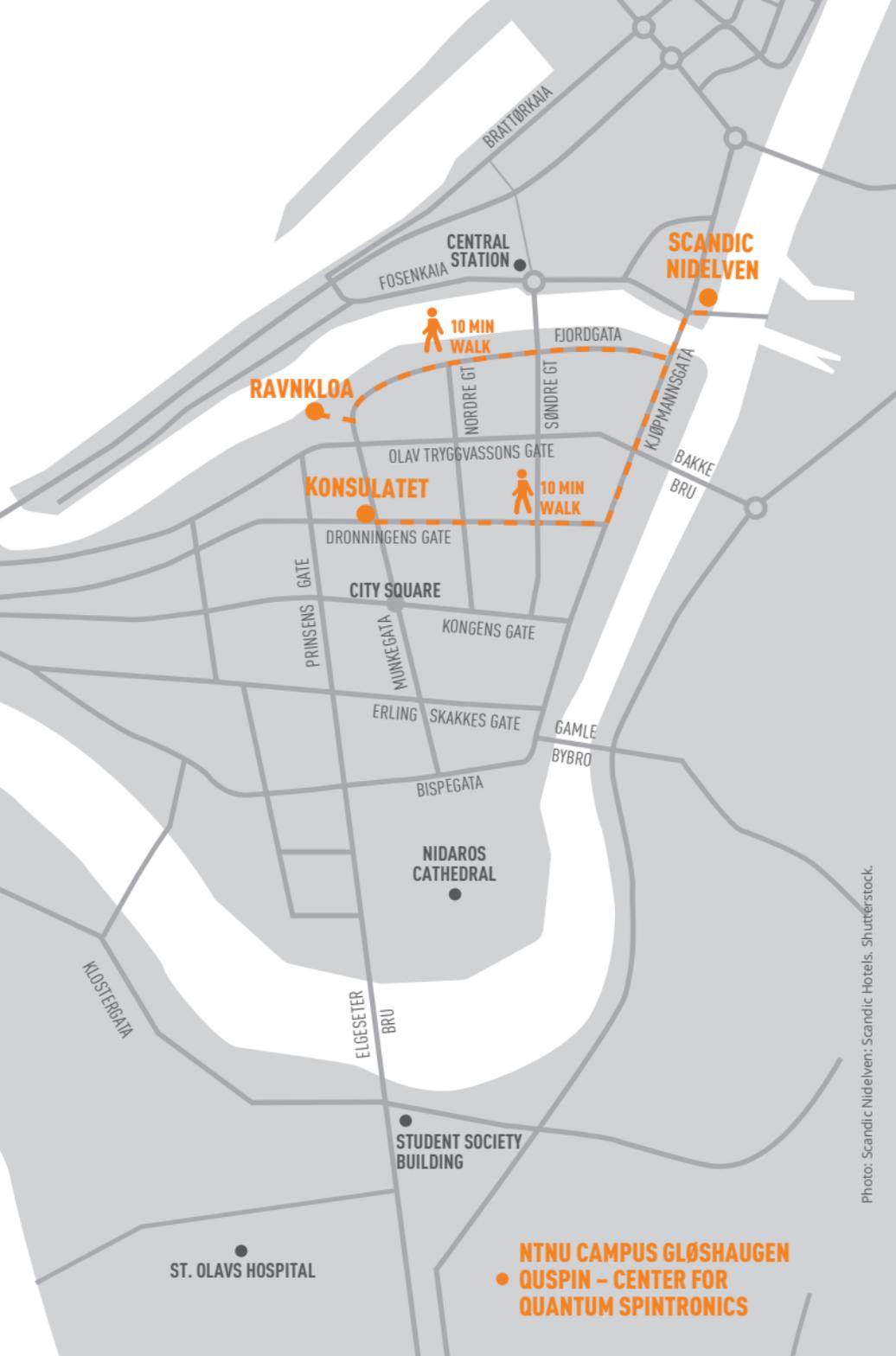
KONSULATET



RAVNKLOA



QUSPIN CENTER



**SCANDIC NIDELVEN**

**RAVNKLOA**

**KONSULATET**

**CITY SQUARE**

**NIDAROS CATHEDRAL**

**STUDENT SOCIETY BUILDING**

**ST. OLAVS HOSPITAL**

**NTNU CAMPUS GLØSHAUGEN**  
● QUSPIN – CENTER FOR QUANTUM SPINTRONICS

10 MIN WALK

10 MIN WALK

# PRACTICAL INFORMATION

## AIRPORT BUS:

<https://www.vaernesekspresen.no>

Tickets can be bought on the bus.

“Solsiden” is the bus stop closest to the hotel.

There is a 5 minute walk to hotel Scandic Nidelven.

## LOCAL TAXI:

<https://www.trondertaxi.no>

Phone: + 47 07373

## CITY BUS:

<https://www.atb.no/en/>

## PAYMENT METHOD:

Credit/debet card or Apps is mostly used in restaurants, shops and on transport.

Participation fee covering the conference including lunch and conference dinner.

Regular fee. NOK 6000,-

Student fee: NOK 4500,-

**REGISTER HERE**

**Registration deadline May 2nd, 2026**

# TUESDAY

## JUNE 2<sup>ND</sup>

**08.30 - 09.00**

Picking up name tags and morning coffee

**09.00 - 09.05**

*Asle Sudbø, QuSpin*

*Opening remarks*

## TALKS WITH 30-MINUTES PRESENTATIONS AND 15-MINUTES Q&A FROM THE AUDIENCE

*Host morning session Asle Sudbø, QuSpin*

**09.05 - 09.50**

Ronny Thomale, University of Würzburg, Germany

*Many-body nature of altermagnets in correlated electron systems.*

**09.50 - 10.05**

Break

**10.05 - 10.50**

Maia Vergniory, Sherbrooke University, Canada

*Non-collinear Magnets and Altermagnetism.*

**10.50 - 11.05**

Break

**11.05 - 11.50**

Veronika Sunko, Institute of Science and Technology Austria,  
Austria

*Magneto-optical probes of antiferromagnetism.*

**11.50 - 12.00**

Break with fresh air by the river

**12.00 - 13.00 LUNCH**

*Host afternoon session Hendrik Bentmann, QuSpin*

**13.00 - 13.45**

**Tamalika Banerjee, University of Groningen,  
the Netherlands**

*Emergent phenomena exploited at oxide heterointerfaces for  
unconventional computing.*

**13.45 - 14.00**

Break

**14.00 - 14.45**

**Andrea Caviglia, University of Geneva, Switzerland**

*The quantum metric of electrons with spin-momentum locking.*

**14.45 - 15.00**

Break

**15.00 - 16.00 POSTER SESSION**

**17.00 - 20.00 BOATTRIP**

Boattrip to the island Munkholmen for socialising including a snack & drink, guiding, and the possibility for a swim in the fjord.

# WEDNESDAY

## JUNE 3<sup>RD</sup>

**08.30 - 09.00**

Morning coffee

*Host morning session Arne Brataas, QuSpin*

**09.00 - 09.45**

Carla Cirillo, SPIN, CNR, Italy

*Unveiling Spin Triplet Superconductivity in Noncentrosymmetric NbRe films.*

**09.45 - 10.00**

Break

**10.00 - 10.45**

Jelena Klinovaja, University of Basel, Switzerland

*Topological Spin Textures Enabling Quantum Transmission.*

**10.45 - 11.00**

Break

**11.00 - 11.45**

Toeno van der Sar, Delft University of Technology,  
the Netherlands

*Imaging spin-wave-metal interactions with spins in diamond and boron nitride.*

**11.45 - 12.00**

Break with fresh air by the river

## **12.00 - 13.00 LUNCH**

*Host afternoon session Sol Jacobsen, QuSpin*

## **13.00 - 13.45**

**Olena Gomonay, Johannes Gutenberg University, Germany**

*Ultrafast magnetic dynamics in antiferromagnets and altermagnets: nonlinearity, nonreciprocity, nondegeneracy.*

## **13.45 - 14.00**

Break

## **14.00 - 14.45**

**Felix von Oppen, Freie Universität Berlin, Germany**

*Spins and quantum active matter.*

## **14.45 - 15.00**

Break

## **15.15 - 15.30 GROUP PHOTO WITH THE SPEAKERS**

## **15.30 - 15.45 GROUP PHOTO ALL**

## **15.45 - 16.00 GROUP PHOTO QUSPIN**

## **16.00 - 18.30 LEISURE TIME**

## **18.30 - 21.00 CONFERENCE DINNER AT KONSULATET**

# THURSDAY

## JUNE 4<sup>TH</sup>

**08.30 - 09.00**

Morning coffee

*Host morning session Jacob Linder, QuSpin*

**09.00 - 09.45**

Michael Wimmer, Delft University of Technology,  
the Netherlands

*Building topology dot by dot.*

**09.45 - 10.00**

Break

**10.00 - 10.45**

Alex Khajetoorians, Radboud University,  
the Netherlands

*A quantum simulator to study lower dimensional electronic  
structure in extreme magnetic fields.*

**10.45 - 11.00**

Break

**11.00 - 11.45**

Morten Amundsen, QuSpin, NTNU, Norway

*Dynamic effects in magnetic Josephson junctions.*

**11.45 - 12.00**

Break with fresh air by the river

## **12.00 - 13.00 LUNCH**

*Host afternoon session Christoph Brüne, QuSpin*

### **13.00 - 13.45**

**Björn Trauzettel, University of Würzburg, Germany**  
*Dynamics of biased Josephson junctions.*

### **13.45 - 14.00**

Break

### **14.00 - 14.45**

**Kai Rossnagel, DESY/ University of Kiel, Germany**  
*Ultrafast Unordering of Electron-Lattice Order.*

## **14.45 - 14.55 ANNOUNCEMENT OF BEST POSTER**

### **14.55 - 15.00**

**Asle Sudbø, QuSpin**

*Closing remarks.*

*Next year's Quantum Spintronics 2027, June 7-10.*

## **15.00 - 16.00 FAREWELL GATHERING WITH DRINKS AND SNACKS**

*The program may be subject to change*

**ORGANISED BY THE CENTER FOR QUANTUM  
SPINTRONICS (QUSPIN)**

Asle Sudbø, Jacob Linder, Arne Brataas,  
Hendrik Bentmann and Karen-Elisabeth Sødahl

**CONTACT INFO:**

karen-elisabeth.sodahl@ntnu.no

Cell: + 47 918 87 782

**WWW.NTNU.EDU/QUSPIN**

Realfagbygget, E5, Høgskoleringen 5, Trondheim



Norwegian  
Centre of  
Excellence



**NTNU**

Norwegian University of  
Science and Technology