

QUANTUM SPINTRONICS 2026

INTERNATIONAL CONFERENCE
JUNE 2ND - 4TH



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

QUSPIN CENTER

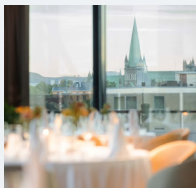
Realfagbygget, E5, Høgskoleringen 5, Trondheim

REGISTER HERE

Registration deadline May 2nd, 2026



SCANDIC NIDELVEN



KONSULATET



QUSPIN CENTER



CENTRAL
STATION

SCANDIC
NIDELVEN

KONSULATET

15 MIN
WALK

CITY SQUARE

NIDAROS
CATHEDRAL

STUDENT SOCIETY
BUILDING

ST. OLAVS HOSPITAL

NTNU CAMPUS GLØSHAUGEN
• QUSPIN – CENTER FOR
QUANTUM SPINTRONICS

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

TUESDAY

JUNE 2ND

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 - 19.00 SOCIAL OUTDOOR ACTIVITY

WEDNESDAY

JUNE 3RD

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 4TH

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

Bjorn Trauzettel, University of Würzburg, Germany

Dynamics of biased Josephson junctions.

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

**Alex Khajetoorians, Radboud University,
the Netherlands**

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

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