

Monday, Mar 23

8:30 - 9:30	Registration	Nordita, floor 6, Albano Building 3
9:30 - 10:30	Tutorial 1 Jose Lado <i>Engineering artificial correlated quantum matter in 2D van der Waals materials</i>	SU Conference Center, Room 4204, Albano Building 3
10:30 - 11:00	Fika	Nordita (large lunch room), floor 6, Albano Building 3
11:00 - 12:00	Tutorial 1 Jose Lado <i>Engineering artificial correlated quantum matter in 2D van der Waals materials</i>	SU Conference Center, Room 4204, Albano Building 3
12:00 - 13:30	Lunch	Proviant restaurant, Albano Building 2
13:30 - 14:45	Tutorial 2 Mattias Eschrig <i>Quasiclassical theory and superconducting spintronics</i>	SU Conference Center, Room 4204, Albano Building 3
14:45 - 15:15	Fika	Nordita (large lunch room), floor 6, Albano Building 3
15:15 - 16:30	Tutorial 2 Mattias Eschrig <i>Quasiclassical theory and superconducting spintronics</i>	SU Conference Center, Room 4204, Albano Building 3
16:30 - 18:30	Free time	
18:30 - 21:00	Dinner	Nordita (large lunch room), floor 6, Albano Building 3

Tuesday, Mar 24

9:00 - 9:15	Welcome and opening remarks	SU Conference Center, Room 4204, Albano Building 3
9:15 - 10:00	Keynote 1 Piet Brouwer <i>Spin-polarized and topological superconductivity</i>	SU Conference Center, Room 4204, Albano Building 3
10:00 - 10:30	Topical 1 Christoph Strunk <i>Bogoliubov Fermi surfaces probed by kinetic inductance in Al/InAs nanowires</i>	SU Conference Center, Room 4204, Albano Building 3
10:30 - 11:00	Fika	Nordita (large lunch room), floor 6, Albano Building 3
11:00 - 11:30	Topical 2 Carsten Timm <i>Topological i-wave superconductivity in trigonal PtBi₂</i>	SU Conference Center, Room 4204, Albano Building 3
11:30 - 11:45	Contributed 1 Elizaveta Andriyakhina <i>Ignition of spin-triplet supercurrent in a ballistic S/F/S Josephson junction with precessing magnetization</i>	SU Conference Center, Room 4204, Albano Building 3
11:45 - 12:00	Contributed 2 Emil Bergholtz <i>Quantum Geometry and Fractionalization</i>	SU Conference Center, Room 4204, Albano Building 3

Tuesday, Mar 24 cont.

12:00 - 13:30	Lunch	Proviant restaurant, Albano Building 2
13:30 - 14:15	Keynote 2 John Saunders <i>Topological superfluid ^3He under confinement in engineered nanofabricated geometries</i>	SU Conference Center, Room 4204, Albano Building 3
14:15 - 14:45	Topical 3 Laura Classen <i>Spin and pair density waves in 2D altermagnetic metals</i>	SU Conference Center, Room 4204, Albano Building 3
14:45 - 15:15	Fika	Outside Oskar Klein auditorium (FR4), AlbaNova Main Building
15:15 - 16:15	Niels Bohr Colloquium Stuart Parkin <i>Unconventional Superconductivity and Spintronics</i>	Oskar Klein auditorium (FR4), AlbaNova Main Building
16:15 - 16:30	Free time	
16:30 - 18:00	Poster session and discussions	Nordita (large lunch room), floor 6, Albano Building 3
18:00 - 18:30	Free time	
18:30 - 21:00	Dinner	Proviant restaurant, Albano Building 2

Wednesday, Mar 25

9:15 - 10:00	Keynote 3 Päivi Törmä <i>Quantum Geometry and Transport</i>	SU Conference Center, Room 4204, Albano Building 3
10:00 - 10:30	Topical 4 Katharina J. Franke <i>Single-atom Josephson junctions: diode-like behavior and interaction with high-frequency radiation</i>	SU Conference Center, Room 4204, Albano Building 3
10:30 - 11:00	Fika	Nordita (large lunch room), floor 6, Albano Building 3
11:00 - 11:30	Topical 5 Julia Meyer <i>Classification of Topological Phases in Multiterminal Josephson Junctions</i>	SU Conference Center, Room 4204, Albano Building 3
11:30 - 11:45	Contributed 3 Ankita Bhattacharya <i>Diamagnetic Meissner response of odd-frequency superconducting pairing from quantum geometry</i>	SU Conference Center, Room 4204, Albano Building 3
11:45 - 12:00	Contributed 4 Aaron Dunbrack <i>Quantum Geometry of Time-Reversal Symmetry Breaking in Flat-Band Superconductors</i>	SU Conference Center, Room 4204, Albano Building 3
12:00 - 13:30	Lunch	Proviant restaurant, Albano Building 2
13:30 - 14:00	Topical 6 Yasmine Sassa <i>When Charge Order Meets Superconductivity: Insights from Transition-Metal Dichalcogenides</i>	SU Conference Center, Room 4204, Albano Building 3

Wednesday, Mar 25 cont.

14:00 - 14:15	Contributed 5 Petri Heikkinen <i>Cosmological Kibble-Zurek-driven phase transitions in superfluid helium-3</i>	SU Conference Center, Room 4204, Albano Building 3
14:15 - 14:30	Contributed 6 David Christian Ohnmacht <i>Multiterminal Josephson Junctions: Reflectionless modes and Quantum Geometry</i>	SU Conference Center, Room 4204, Albano Building 3
14:30 - 14:45	Contributed 7 Yejin Lee <i>Unconventional gap structure in kagome superconductor coupled to hybrid microwave resonators</i>	SU Conference Center, Room 4204, Albano Building 3
14:45 - 15:15	Fika	Nordita (large lunch room), floor 6, Albano Building 3
15:15 - 15:45	Topical 7 Tero Heikkilä <i>Exotic spin physics in disordered superconductors</i>	SU Conference Center, Room 4204, Albano Building 3
15:45 - 16:00	Contributed 8 Danilo Nikolic <i>Josephson diode effect in junctions involving strongly spin-polarized magnetic materials without spin-orbit</i>	SU Conference Center, Room 4204, Albano Building 3
16:00 - 16:15	Contributed 9 Tim Kokkeler <i>Dirty Superconductor Magnet Hybrids</i>	SU Conference Center, Room 4204, Albano Building 3
16:15 - 17:30	Free time	
17:30 - 20:00	Dinner	Hermans restaurant (downtown)

Thursday, Mar 26

9:15 - 10:00	Keynote 4 Daniel Agterberg <i>Hubbard models for unconventional magnetism and superconductivity</i>	SU Conference Center, Room 4204, Albano Building 3
10:00 - 10:30	Topical 8 Oscar Tjernberg <i>The role and influence of antiferromagnetic correlations in electron doped cuprates</i>	SU Conference Center, Room 4204, Albano Building 3
10:30 - 11:00	Fika	Nordita (large lunch room), floor 6, Albano Building 3
11:00 - 11:30	Topical 9 Andreas Kreisel <i>D-vector spectroscopy in triplet superconductors</i>	SU Conference Center, Room 4204, Albano Building 3
11:30 - 11:45	Contributed 10 Raul Perea-Causin <i>Moiré fractional Chern insulators from topological bosons and trivial fermions</i>	SU Conference Center, Room 4204, Albano Building 3
11:45 - 13:30	Lunch	Proviand restaurant, Albano Building 2

Thursday, Mar 26 cont.

13:30 - 14:15	Keynote 5 Floriana Lombardi <i>Controlling Cuprates' Ground State with Designer Substrates</i>	SU Conference Center, Room 4204, Albano Building 3
14:15 - 14:45	Topical 10 Anna Delin <i>Atomistic Spin Dynamics: From Microscopic Theory to Topological Textures and Magnons</i>	SU Conference Center, Room 4204, Albano Building 3
14:45 - 15:15	Fika	Nordita (large lunch room), floor 6, Albano Building 3
15:15 - 16:15	AlbaNova Colloquium <i>TBA</i>	Oskar Klein auditorium (FR4), AlbaNova Main Building