

# NCCR SPIN QUBITS WINTER SCHOOL ON QUANTUM COMPUTATION 2024 (15-17 Jan 2024)

Konzertsaal, Belle Epoque Victoria Hotel, Äussere Dorfstrasse 2, Kandersteg

Monday, January 15, 2024

Time	Activity
07:30 - 09:00	Breakfast
09:00 - 10:00	Bence Hetenyi <i>Quantum Error Correction</i>
10:00 - 11:00	Silvano De Franceschi <i>Hole spin-orbit qubits</i>
11:00 - 12:30	Arrival & registration
12:30 - 13:30	Lunch
13:30 - 14:30	David DiVincenzo <i>Theory of the g-factor of band electrons in cubic materials</i>
14:30 - 15:30	Nico Hendrickx <i>Germanium hole spin qubits: harnessing the anisotropies</i>
15:30 - 16:00	Coffee break (30 min)
16:00 - 17:00	Stefano Bosco <i>Theory of hole spin qubits in Silicon and Germanium</i>
17:00 - 18:00	Wenchao Xu <i>Quantum computation and simulation with Rydberg atom arrays</i>
18:00 - 18:30	Coffee break (30 min)
18:30 - 19:30	Jamie Gloor <i>Not just another diversity talk</i>
19:30 - 21:00	Dinner
21:00 - 22:00	Poster Session

Tuesday, January 16, 2024

Time	Activity
07:30 - 09:00	Breakfast
09:00 - 10:00	Bence Hetenyi <i>Quantum Error Correction</i>
10:00 - 11:00	Silvano De Franceschi <i>Hole spin-orbit qubits</i>
11:00 - 11:30	Coffee Break (30 min)
11:30 - 12:30	Natalia Ares <i>The role of machine learning in quantum device control and development</i>
12:30 - 13:30	Lunch (1 hour)
13:30 - 19:00	Excursion Oeschinensee /Free Afternoon (Group picture)
19:00 - 20:30	Dinner
20:30 - 22:00	Networking reception

Wednesday, January 17, 2024

Time	Activity
07:30 - 10:00	Breakfast
10:00 - 11:00	Sebastian Krinner <i>Quantum Computing with Superconducting Circuits</i>
11:00 - 11:30	Coffee Break (30 min)
11:30 - 12:30	Guido Burkard <i>Theory of high-fidelity spin qubits and their coupling to photons</i>
12:30 - 13:30	Lunch (1 hour)
13:30 - 22:00	Departure