

Symposium Quantum Computing and Communication: Early Days and New Developments (SYCC)

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Quantum mechanics has transformed our understanding of the physical world. In the last four decades, there has also been an increasing awareness of the implications that quantum physics has for information science and technology. This has led to the thriving field of quantum information science. This symposium brings together some of the pioneers and leading researchers in this field.

Overview of Invited Talks and Sessions

(Lecture hall ZHG010)

Invited Talks

SYCC 1.1	Tue	10:45–11:25	ZHG010	Founding Concepts for Solid State Quantum Computers — •DAVID DIVINCENZO
SYCC 1.2	Tue	11:25–12:05	ZHG010	Semiconductor spin qubits - vision, opportunities and challenges — •LIEVEN VANDERSYPEN
SYCC 1.3	Tue	12:05–12:45	ZHG010	Perspectives on Control and Characterization of Temporally Correlated Nonclassical Noise — •LORENZA VIOLA

Sessions

SYCC 1.1–1.3	Tue	10:45–12:45	ZHG010	Quantum Computing and Communication: Early Days and New Developments
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