

Symposium From Atoms to Photonic Circuits: Integrating Quantum Optics and Optical Communication (SYPC)

jointly organized by
the Quantum Optics and Photonics Division (Q) and
the Atomic Physics Division (A)

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Overview of Invited Talks and Sessions

(lecture room V47.01)

Invited Talks

SYPC 1.1	Thu	10:30–11:00	V47.01	Quantum Communication: real-world applications and academic research — •NICOLAS GISIN
SYPC 1.2	Thu	11:00–11:30	V47.01	Trapping and Interfacing Cold Neutral Atoms Using Optical Nanofibers — •ARNO RAUSCHENBEUTEL
SYPC 2.1	Thu	14:00–14:30	V47.01	Coherent population trapping in quantum dot molecules — KATHARINA WEISS, JEROEN ELZERMAN, •ATAC IMAMOGLU
SYPC 2.2	Thu	14:30–15:00	V47.01	Nanophotonic Interconnection Networks for Performance-Energy Optimized Computing — •KEREN BERGMAN

Sessions

SYPC 1.1–1.6	Thu	10:30–12:30	V47.01	From Atoms to Photonic Circuits: Integrating Quantum Optics and Optical Communication 1
SYPC 2.1–2.6	Thu	14:00–16:00	V47.01	From Atoms to Photonic Circuits: Integrating Quantum Optics and Optical Communication 2
SYPC 3.1–3.8	Fri	10:30–12:30	V47.02	From Atoms to Photonic Circuits: Integrating Quantum Optics and Optical Communication 3