

Quantum Optics and Photonics Division Fachverband Quantenoptik und Photonik (Q)

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Overview of Invited Talks and Sessions

(Lecture Rooms A 310, E 001, E 214, E 415, F 128, F 142, F 303, and F 342; Poster Empore Lichthof)

Invited talks of the joint symposium SYED

See SYED for the full program of the symposium.

SYED 1.1	Mon	11:00–11:30	E 415	Signatures of vibronic and vibrational coherences in electronic 2D-spectra of monomers and aggregates — FRANZ MILOTA, TOMAS MANCAL, HARALD F. KAUFFMANN, ●JÜRGEN HAUER
SYED 1.2	Mon	11:30–12:00	E 415	Beatings in Electronic 2D Spectroscopy — ●TÖNU PULLERITS
SYED 1.3	Mon	12:00–12:30	E 415	Resonant 2D Raman Spectroscopy — ●TIAGO BUCKUP, JAN PHILIP KRAACK, MARCUS MOTZKUS
SYED 1.4	Mon	12:30–13:00	E 415	Coherent Two-Dimensional Electronic Spectroscopy With Triggered Exchange — ●PATRICK NUERNBERGER, STEFAN RUETZEL, MARTIN KULLMANN, JOHANNES BUBACK, TOBIAS BRIXNER
SYED 2.1	Mon	14:00–14:30	E 415	Two-dimensional UV and visible spectroscopy of biological system — ●MAJED CHERGUI, GERALD AUBÖCK, CRISTINA CONSANI, ROBERTO MONNI, ANDRÉ EL HADDAD, FRANK VAN MOURIK
SYED 2.2	Mon	14:30–15:00	E 415	Ultrabroad 2D-UV spectroscopy: from coherent internal conversion in pyrene towards exciton dynamics in DNA — ●IGOR PUGLIESI, NILS KREBS, EBERHARD RIEDLE
SYED 2.3	Mon	15:00–15:30	E 415	Multidimensional XUV-NIR spectroscopy of electronic dynamics in small quantum systems — ●CHRISTIAN OTT, ANDREAS KALDUN, KRISTINA MEYER, PHILIPP RAITH, MARTIN LAUX, ALEXANDER BLÄTTERMANN, THOMAS DING, THOMAS PFEIFER
SYED 2.4	Mon	15:30–16:00	E 415	Correlated Two-electron Wave-Packets in Helium — ●JAVIER MADRONERO

Invited talks of the joint symposium SYQG

See SYQG for the full program of the symposium.

SYQG 1.1	Tue	11:00–11:30	E 415	Does time exist in quantum gravity? — ●CLAUS KIEFER
SYQG 1.2	Tue	11:30–12:00	E 415	How Attractive is the Moon for Relativity? — ●JÜRGEN MÜLLER, LILIANE BISKUPEK, ENRICO MAI, FRANZ HOFMANN
SYQG 1.3	Tue	12:00–12:30	E 415	Interferometry with Bose-Einstein condensates in microgravity — ●ERNST RASEL
SYQG 1.4	Tue	12:30–13:00	E 415	Relativistic effects in atom and neutron interferometry — ●WOLFGANG SCHLEICH

Sessions

Q 1.1–1.5	Mon	11:00–12:15	F 142	Micromechanical oscillators I
Q 2.1–2.5	Mon	11:00–12:30	F 128	Precision measurements and metrology I
Q 3.1–3.5	Mon	11:00–12:30	E 001	Quantum gases: Interaction effects I

Q 4.1–4.6	Mon	11:00–12:30	F 342	Quantum information: Quantum communication I
Q 5.1–5.6	Mon	11:00–12:30	E 214	Quantum information: Atoms and ions I
Q 6.1–6.5	Mon	11:00–12:30	A 310	Ultracold atoms and molecules
Q 7.1–7.5	Mon	11:00–12:30	B 305	Ultra-cold atoms, ions and BEC I (with A)
Q 8.1–8.6	Mon	14:00–15:30	F 142	Micromechanic oscillators II
Q 9.1–9.8	Mon	14:00–16:00	A 310	Photonics I
Q 10.1–10.6	Mon	14:00–15:45	F 128	Precision measurements and metrology II
Q 11.1–11.7	Mon	14:00–16:00	F 342	Quantum effects: QED
Q 12.1–12.7	Mon	14:00–16:00	E 001	Quantum gases: Bosons I
Q 13.1–13.8	Mon	14:00–16:00	E 214	Quantum information: Concepts and methods I
Q 14.1–14.8	Mon	14:00–16:00	F 428	Ultra-cold atoms, ions and BEC II (with A)
Q 15.1–15.8	Mon	16:30–18:45	F 142	Matter-wave optics
Q 16.1–16.8	Mon	16:30–18:30	A 310	Photonics II
Q 17.1–17.7	Mon	16:30–18:30	F 342	Quantum effects: Interference and correlations
Q 18.1–18.7	Mon	16:30–18:15	E 001	Quantum gases: Mixtures, spinor gases, disorder effects
Q 19.1–19.7	Mon	16:30–18:30	E 214	Quantum information: Quantum computers
Q 20.1–20.8	Mon	16:30–18:45	E 415	Ultracold plasmas and Rydberg atoms
Q 21.1–21.1	Mon	18:30–19:15	F 303	DFG funding programs
Q 22.1–22.6	Tue	11:00–12:30	F 142	Laser development: Solid state lasers I
Q 23.1–23.5	Tue	11:00–12:30	E 001	Quantum gases: Interaction effects II
Q 24.1–24.5	Tue	11:00–12:30	A 310	Quantum information: Atoms and ions II
Q 25.1–25.5	Tue	11:00–12:15	E 214	Quantum information: Quantum communication II
Q 26.1–26.6	Tue	11:00–12:30	B 302	Ultra-cold atoms, ions and BEC III (with A)
Q 27.1–27.4	Tue	11:00–12:00	F 342	Ultrashort laser pulses: Generation I
Q 28	Tue	13:00–14:00	F 342	Fachverbandssitzung Quantenoptik
Q 29.1–29.7	Tue	14:00–15:45	F 342	Photonics III
Q 30.1–30.7	Tue	14:00–16:00	F 128	Quantum effects
Q 31.1–31.8	Tue	14:00–16:15	E 001	Quantum gases: Optical lattices I
Q 32.1–32.7	Tue	14:00–16:00	A 310	Quantum information: Atoms and ions III
Q 33.1–33.8	Tue	14:00–16:00	E 214	Quantum information: Concepts and methods II
Q 34.1–34.7	Tue	14:00–15:45	F 142	Ultrashort laser pulses: Applications
Q 35.1–35.99	Tue	16:00–18:30	Empore Lichthof	Poster I
Q 36.1–36.6	Wed	11:00–12:30	F 428	Ultra-cold atoms, ions and BEC IV (with A)
Q 37.1–37.5	Wed	14:00–15:15	F 142	Laser applications: Spectroscopy
Q 38.1–38.7	Wed	14:00–16:00	E 001	Precision measurements and metrology III
Q 39.1–39.8	Wed	14:00–16:00	F 342	Quantum effects: Light scattering and propagation
Q 40.1–40.7	Wed	14:00–15:45	A 310	Quantum gases: Optical lattices II
Q 41.1–41.7	Wed	14:00–16:00	E 214	Quantum information: Concepts and methods III
Q 42.1–42.7	Wed	14:00–16:00	B 302	Ultra-cold atoms, ions and BEC V (with A)
Q 43.1–43.88	Wed	16:00–18:30	Empore Lichthof	Poster II
Q 44.1–44.6	Thu	11:00–12:30	F 128	Laser development: Solid state lasers II
Q 45.1–45.6	Thu	11:00–12:30	F 342	Quantum gases: Bosons II
Q 46.1–46.7	Thu	11:00–12:45	E 001	Quantum information: Concepts and methods IV
Q 47.1–47.6	Thu	11:00–12:30	B 305	Ultra-cold atoms, ions and BEC VI (with A)
Q 48.1–48.6	Thu	11:00–12:30	A 310	Ultracold atoms: Traps and cooling
Q 49.1–49.5	Thu	11:00–12:30	F 142	Ultrashort laser pulses: Generation II
Q 50.1–50.7	Thu	14:00–16:00	F 142	Laser applications
Q 51.1–51.7	Thu	14:00–16:00	F 128	Precision measurements and metrology IV
Q 52.1–52.6	Thu	14:00–15:45	F 342	Quantum gases: Fermions
Q 53.1–53.7	Thu	14:00–16:00	A 310	Quantum information: Atoms and ions IV
Q 54.1–54.7	Thu	14:00–16:00	E 001	Quantum information: Photons and nonclassical light I
Q 55.1–55.8	Thu	14:00–16:00	B 305	Ultra-cold atoms, ions and BEC VII (with A)
Q 56.1–56.99	Thu	16:00–18:30	Empore Lichthof	Poster III
Q 57.1–57.6	Fri	11:00–12:30	F 128	Laser development: Nonlinear effects
Q 58.1–58.6	Fri	11:00–12:30	E 001	Precision measurements and metrology V
Q 59.1–59.6	Fri	11:00–12:30	F 342	Quantum gases: Optical lattices III
Q 60.1–60.5	Fri	11:00–12:30	A 310	Quantum effects: Entanglement and decoherence I
Q 61.1–61.6	Fri	11:00–12:30	E 214	Quantum information: Atoms and ions V
Q 62.1–62.6	Fri	11:00–12:30	F 142	Ultracold atoms: Manipulation and detection
Q 63.1–63.8	Fri	14:00–16:00	F 128	Photonics IV
Q 64.1–64.7	Fri	14:00–15:45	E 001	Precision measurements and metrology VI

Q 65.1–65.7 Fri 14:00–16:00 F 342
Q 66.1–66.6 Fri 14:00–15:45 A 310
Q 67.1–67.8 Fri 14:00–16:00 E 214
Q 68.1–68.8 Fri 14:00–16:00 F 142

Quantum gases: Bosons III
Quantum effects: Entanglement and decoherence II
Quantum information: Concepts and methods V
Quantum information: Photons and nonclassical light II

Annual General Meeting of the Quantum Optics and Photonics Division

Dienstag 13:00–14:00 F 342