Molecular Physics Division
Fachverband Molekülphysik (MO)

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Overview of Invited Talks and Sessions

(lecture rooms MER 02, TOE 317, BAR SCHÖ, and ZEU 160; Poster P1 and P2)

Invited Talks

MO 9.1	Tue	10:30–11:00	TOE 317	**Transient generation of carbonic acid in the context of the aqueous chemistry of carbon dioxide** — Katrin Adamczyk, Mirabelle Prémont-Schwarz, Dina Pines, Ehud Pines, •Erik T. J. Nibbering
MO 15.1	Wed	14:30–15:00	MER 02	**Raman spectroscopy: An indispensable tool for bio- and material photonics** — •Jürgen Popp, Michael Schmitt, Benjamin Dietzek, Robert Möller, Christoph Krafft, Petra Rösch
MO 23.1	Thu	14:30–15:00	MER 02	**Eigenstate resolving molecular spectroscopy in the gas-phase: towards larger systems and higher energies** — •Michael Schmitt, Christian Brand, Olivia Oeltermann, Leo Meerts

Invited Talks of the Intersectional Symposium "Transport and Spectroscopy in Molecular Nanostructures" (SYMN)

SYMN 1.1	Wed	10:30–11:00	HSZ 01	**Exciton localization and dynamics in molecular aggregates** — •Jasper Knoester
SYMN 1.2	Wed	11:00–11:30	HSZ 01	**Spectroscopy and transport in carbon nanotubes and graphene nanoribbons for electronics and biological applications** — •Oleg Prezhdo
SYMN 1.3	Wed	11:30–12:00	HSZ 01	**Multidimensional Optical Spectroscopy of Biological Complexes** — •Shaul Mukamel
SYMN 1.4	Wed	12:00–12:30	HSZ 01	**Theory of light-harvesting in photosynthetic pigment-protein complexes** — •Thomas Renger, Marcel Schmidt am Busch, M. El-Amine Madjet, Frank Müh
SYMN 1.5	Wed	12:30–13:00	HSZ 01	**How do algae use quantum mechanics to harvest light for photosynthesis?** — •Gregory Scholes

Sessions

MO 1.1–1.10	Mon	10:30–13:00	TOE 317	**Biomolecules**
MO 2.1–2.10	Mon	10:30–13:00	MER 02	**Theory: Quantum Chemistry and Molecular Dynamics**
MO 3.1–3.10	Mon	10:30–13:00	BAR Schön	**Cold Molecules I**
MO 4.1–4.6	Mon	14:30–16:00	TOE 317	**Femtosecond Spectroscopy I**
MO 5.1–5.6	Mon	14:30–16:00	MER 02	**Collisions, Energy Transfer**
MO 6.1–6.11	Mon	16:00–18:00	P1	**Poster: Cold Molecules**
MO 7.1–7.10	Mon	16:00–18:00	P1	**Poster: Cluster**
MO 8.1–8.4	Mon	16:00–18:00	P1	**Poster: Spectroscopy in He Droplets**
MO 9.1–9.9	Tue	10:30–13:00	TOE 317	**Femtosecond Spectroscopy II**
MO 10.1–10.10	Tue	10:30–13:00	MER 02	**Cluster**
MO 11.1–11.9	Tue	18:00–20:00	P1	**Poster: Transport and Spectroscopy in Molecular Nanostructures (Intersectional Session with CPP)**

MO 12.1–12.10	Wed	10:30–13:00	TOE 317	**Femtosecond Spectroscopy III**
MO 13	Wed	13:30–14:00	MER 02	**Mitgliederversammlung des Fachverbands Molekülphysik**
MO 14.1–14.11	Wed	14:00–17:00	ZEU 160	**Transport and Spectroscopy in Molecular Nanostructures (related to SYMN, jointly with CPP)**
MO 15.1–15.6	Wed	14:30–16:15	MER 02	**Linear and nonlinear Raman Spectroscopy**
MO 16.1–16.6	Wed	14:30–16:00	BAR Schön	**Cold Molecules II**
MO 17.1–17.7	Wed	16:30–18:15	TOE 317	**Quantum Control**
MO 18.1–18.7	Wed	16:30–18:15	MER 02	**Experimental Techniques and Various Topics**
MO 19.1–19.7	Wed	16:30–18:15	BAR Schön	**Cold Molecules III**
MO 20.1–20.10	Thu	10:30–13:00	TOE 317	**Transport and Spectroscopy in Molecular Nanostructures II (related to SYMN, jointly with CPP)**
MO 21.1–21.10	Thu	10:30–13:00	MER 02	**Electronic Spectroscopy I**
MO 22.1–22.5	Thu	14:30–15:45	TOE 317	**Femtosecond Spectroscopy IV**
MO 23.1–23.5	Thu	14:30–16:00	MER 02	**Electronic Spectroscopy II**
MO 24.1–24.18	Thu	16:00–18:00	P2	**Poster: Femtosecond spectroscopy**
MO 25.1–25.2	Thu	16:00–18:00	P2	**Poster: Quantum control**
MO 26.1–26.8	Thu	16:00–18:00	P2	**Poster: Biomolecules**
MO 27.1–27.2	Thu	16:00–18:00	P1	**Poster: Theory: Quantum Chemistry**
MO 28.1–28.6	Thu	16:00–18:00	P1	**Poster: Theory: Molecular Dynamics**
MO 29.1–29.5	Thu	16:00–18:00	P1	**Poster: Electronic Spectroscopy**
MO 30.1–30.3	Thu	16:00–18:00	P1	**Poster: Photochemistry**
MO 31.1–31.3	Thu	16:00–18:00	P1	**Poster: Collisions, Energy Transfer**
MO 32.1–32.5	Thu	16:00–18:00	P1	**Poster: Experimental Techniques**
MO 33.1–33.1	Thu	16:00–18:00	P1	**Poster: Various Topics**
MO 34.1–34.10	Fri	10:30–13:00	TOE 317	**Photochemistry**
MO 35.1–35.8	Fri	10:30–12:30	MER 02	**Spectroscopy in He Droplets**

Annual General Meeting of the Molecular Physics Division

Wednesday 13:30-14:00 MER 02

- Bericht
- Vorschläge für Symposien
- Verschiedenes