Symposium Molecular Spectroscopy of Liquid Jets (SYML)

jointly organised by
the Molecular Physics Division (MO) and
the Quantum Optics and Photonics Division (Q)

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Liquid microjet technology has made it possible to study highly volatile liquids and their solvated molecules, with sheet thicknesses ranging from a few micrometers down to the sub-20 nanometer scale. In combination with techniques such as photoelectron spectroscopy and transient absorption spectroscopy, they are unique tools for studying properties such as the electronic structure of water and aqueous solutions, chemical interactions at gas-liquid interfaces, and ultrafast molecular dynamics with high energy or time resolution. This Symposium gathers both pioneers and emerging leaders in the field of liquid microjet spectroscopy, which will provide insights into the field and trigger scientific exchanges for the future developments of the liquid jet technology.

Overview of Invited Talks and Sessions

(Lecture hall HS 1+2)

Invited Talks

SYML 1.1	Mon	11:00–11:30	HS 1+2	**The challenging road to work function measurements from aqueous solutions** — •Bernd Winter
SYML 1.2	Mon	11:30–12:00	HS 1+2	**Liquid Delivery Systems for Time Resolved X-ray Spectroscopy** — •Zhong Yin
SYML 1.3	Mon	12:00–12:30	HS 1+2	**UV photoelectron spectroscopy of aqueous solutions** — •Helen Fielding, Johanna Rademacher, Kate Robertson, Edoardo Simonetti
SYML 1.4	Mon	12:30–13:00	HS 1+2	**Decoherence and electron transport in liquid water observed with attosecond interferometric spectroscopy** — •Hugo Marroux et al

Sessions

SYML 1.1–1.4	Mon	11:00–13:00	HS 1+2	**Molecular Spectroscopy in Liquid Jets**