

Science Day
25 June 2025, LCP HS 0 '06

16.00 Welcome

16.05 **Prof. Dr. Thomas Braun**

Unlocking Fluorine Chemistry:
Exploring Fluorination and Defluorination Processes

16.45 **Prof. Dr. Kannan Balasubramanian**

Analytics at micro- and nanoscale solid-liquid interfaces

17.30 Poster Session

Group	Poster Presenter(s)	Title
Abbenseth	Sotirios Pavlidis	<i>Ambiphilicity of a T-shaped Bismuth(III) Complex Enabled by a Redox-Active NNN Pincer Ligand</i>
Bischoff	Florian Bischoff	<i>Studying basis set errors in strong magnetic fields with MRA</i>
Börner		<i>tba</i>
Christen	Wolfgang Christen	<i>Neue Einblicke in den überkritischen Zustand: Experimenteller Nachweis der Widom-Linie</i>
Hackenberger	Leander Crocker	<i>Mapping peptide interactomes using an organic energy transfer photocatalyst</i>
Heiner	Vincent Hempel	<i>Probing Antimicrobial Peptide–Membrane Interactions at Interfaces Using Combined Vibrational Spectroscopic and Surface Selective Techniques</i>
	Montserrat Roman Quitero	<i>Non-linear Vibrational and Infrared Nanospectroscopy of PAS-Domain Protein at Interfaces</i>
List-Kratochvil		<i>tba</i>
Pérez-Bitrian	Pablo Cortés Solán	<i>Synthesis and Reactivity of Organoxenonium(II) Salts</i>
Pinna	Yanchen Liu	<i>A Partially Disordered Crystallographic Shear Block Structure as Fast-Charging Anode Material for Lithium-Ion Batteries</i>
Ray	Hivda Özgen	<i>A Nonheme Perspective on Cytochrome c Oxidase: Investigating Key Iron-Copper Intermediates</i>
Seitz		<i>tba</i>
Volmer	Tommy Kröger Iweta Pryjomska-Ray	<i>2-fluoro-1-methylpyridinium p-toluene sulfonate (FMP-TS) as a new derivatization reagent for vitamin D metabolites using LC-MS/MS</i>

19.00 **Sommerfest IfC**

*Organized by the groups of Profs. Braun & Balasubramanian and
the Fachschaftsinitiative*