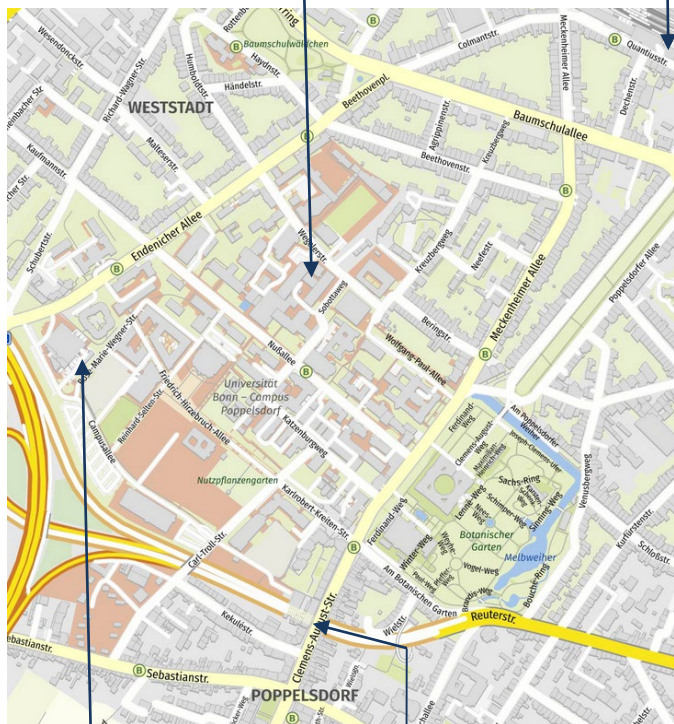


Clausius Institute for Physical and
Theoretical Chemistry
Wegelerstr. 12
53115 Bonn

Main railway station
Bonn



Campo Campusmensa
Poppelsdorf
Endenicher Allee 19
53115 Bonn

Phoenicia Lounge
Clemens-August-Str. 34
53115 Bonn



Bonn International Graduate
School of Chemistry



Spokesperson:
Prof. Dr. Andreas Gansäuer

BIGS Chemistry Summer School 2026 *"Natural Products"*

September 22-23, 2026

Venue: Lecture Hall, Clausius Institute for Physical and
Theoretical Chemistry, Wegelerstr. 12, 53115 Bonn



Host:
Prof. Dr. Andreas Gansäuer

Coordinator:
Ulrike Blank
Kekulé-Institut für Organische Chemie
und Biochemie
Gerhard-Domagk-Str. 1
53121 Bonn
E-Mail: bigschem@uni-bonn.de
<https://www.chemie.uni-bonn.de/de/forschung/bigschemistry>



BIGS Chemistry – Summer School 2025

"Natural Products"

September 22-23, 2026

Lecture Hall, Clausius Institute for Physical and Theoretical Chemistry, Wegelerstr. 12, 53115 Bonn

Tuesday, September 22, 2026	Wednesday, September 23, 2026	Event locations
9:00 Florian Hubrich: Methods and Approaches to elucidate ribosomal peptide biosynthesis	9:00 Silja Mordhorst: Exploration of bacterial natural products as a source of novel bioactive compounds	Coffee break Foyer of the Clausius Institute
10:30 Kavin Chandramohan: Dearomative Functionalization of Arenes via Arene–Metal π -Complexation	10:30 Carla Scharbach: Aromatic Tyr/Trp Networks Prevent Oxidative Damage in Multicopper Oxidases: Quantifying ROS Formation by RRDE upon Systematic Pathway Disruption)	
10:50 <i>Coffee break</i>	10:50 <i>Coffee break</i>	Mensa Campo Endenicher Allee 19 53115 Bonn-Poppelsdorf
11:20 Johanna Wollenweber: Antibacterial polyurethane coatings based on quaternary ammonium compounds	11:20 Vigan Sahiti: Photocontrolled Interconversion of Pd(II) Assemblies for Gated Host-Guest Chemistry	
11:40 Lennart Hanz: Radical Arylation of epoxides via photoredox catalysis with titanium-salen complexes	11:40 Levin Peters: Synthesis of Chiral Thermally Activated Delayed Fluorescence Emitters for Applications in Organic Light Emitting Diodes	Phoenicia Lounge Clemens-August-Str. 34 53115 Bonn
12:30 <i>Lunch at Campo</i>	12:30 <i>Lunch at Campo</i>	
14:30 Silja Mordhorst: Heterologous Expression from Molecular Cloning to Compound Production	14:30 Florian Hubrich: Prenyltransferases biocatalytic for peptide functionalization	Poster session Foyer of the Clausius Institute, Seminar room S2, Seminar room S3
16:00 Jasmin Wager: Reductive and Oxidative Electrosynthesis of Formamide using Heterogenized Molecular Nickel Catalysts	16:00 Justin Konen: Metal ion-driven fluorescence in novel ligands for optical sensors	
16:20 Umut Kilic: Titanocene-catalyzed Hydrosilylation of Oxetanes	16:20 Sonja Papan: Photoswitchable Supramolecular Replicators	
16:40 <i>Coffee break</i>	16:40 <i>Coffee break</i>	
17:10 Sophie Schimmelpfennig: Donor-Acceptor-Substituted Molecular Spoked Wheels	17:10 Marc Mende: Synthesis of Chiral Polymers for Optoelectronic Applications	
17:30 Tamina Kirsch: Metathesis reactions of heavy-element double bonds	17:30 Frank-Hendrik Müller-Pilz: Investigating protection mechanisms of LPMOs against oxidative inactivation - The role of Tyr/Trp chains	
18:30 <i>Dinner at Phoenicia Lounge</i> <i>Clemens-August-Str. 34</i> <i>53115 Bonn</i>	17:50 Award of the poster prize 18:00 Poster session, beer and pretzels	