

Wednesday, September 6

8:30 - 9:00
arrival/registration

9:00 - 9:15
welcome

session I
chair: Marah Alqaisi

9:15 - 10:05
invited talk

Prof. Carla Schmidt –
JGU Mainz

"A roadmap for SNARE complex assembly: Mass spectrometry uncovers intermediates and off-pathway complexes"

10:05 - 10:35
contributed talk

Til Kundlacz – MLU Halle

"Deciphering protein-lipid interactions in solution and in the gas phase by native mass spectrometry"

10:35 - 11:05
coffee break

11:05 - 11:55
invited talk

Prof. Beate Paulus – FU Berlin

"Towards Modeling Heterogeneous Catalysis: Electrochemical fluorinations of hydrocarbons."

12:00 - 13:15
lunch break

session II
chair: Dominik Homann

13:15 - 14:15
plenary lecture

Prof. Thisbe Lindhorst –
CAU Kiel

"Functional Glycomimetics to Explore Carbohydrate-specific Adhesion of Bacteria"

14:20 - 15:10
invited talk

Prof. Yoko Yamakoshi –
ETH Zürich

"Water-soluble fullerene materials and photoinduced reactions"

15:20 - 16:10
invited talk

Prof. Michael Vogel –
TU Darmstadt

"Hydrogen-bonded liquids at biological and technological interfaces"

Thursday, September 7

session III
chair: Prof. Dr. Rebecca Waldecker

9:00 - 9:50
invited talk

Prof. Bettina Keller – FU Berlin
"Structure and dynamics of self-assembled peptide hydrogels."

9:50 - 10:20
invited talk

Dr. Christian Schwieger –
MLU Halle

"Constructing a New Membrane Model System: Nanodisc Adsorption to Lipid Monolayers"

10:20 - 10:50
contributed talk

Anna Luisa Upterworth –
MLU Halle

"On the challenges of defining a quantitative and atomistic measure of philicity in liquid mixtures"

10:50 - 11:15
coffee break

11:15 - 11:45
contributed talk

Prof. Dr. Martin Weissenborn -
MLU Halle

"Identifying and Engineering New Peroxygenases"

11:45 - 12:30
invited talk

Dr. Maria Hoernke - MLU Halle

"Biased membrane models: a lesson from antimicrobial peptides"

12:30 - 13:30
lunch break

session IV
chair: Prof. Dr. Dariush Hinderberger

13:30 - 14:00
contributed talk

Christian Anders & Virginia-Marie Fischer -
MLU Halle

"Liquid Crystals: Prediction and Syntheses"

14:00 - 15:00
plenary lecture

Prof. Oren A. Scherman - University
of Cambridge

"Next generation dynamic materials: Imparting function through molecular level understanding"

chair: Prof. Dr. Martin Weissenborn

15:00 - 15:50
flash talks

15:50 - 16:10
coffee break

16:10 - 17:15
poster session

chair: Marah Alqaisi

18:00
conference dinner

19:00
after dinner talk

Dr. Silvia Spezzano –
Max-Planck-Institut Garching

"Molecules as Astrophysical Tools"

Friday, September 8

12:10 - 13:10
lunch break

session VI
chair: Til Kundlacz

13:10 - 13:40
contributed talk

Eliane Roos – MLU Halle

"Unraveling the Interplay of Cellulose, DMSO and Four ILs: A Force Field Optimization"

13:40 - 14:25
invited talk

PD Dr. Mohamed Alaasar –
MLU Halle

"Chiral and polar phases in bent-core liquid crystals"

14:30 - 14:45
final remarks

session V
chair: Sebastian Michler

9:00 - 9:50
invited talk

Prof. Sandro Keller – Uni Graz

"New Native Nanodiscs for Membrane-Protein Biophysics"

9:50 - 10:20
invited talk

PD Dr. Annette Meister –
MLU Halle

"The formation and electron microscopic characterization of artificial and native lipid-bilayer nanodiscs"

10:20 - 10:50
coffee break

10:50 - 11:40
invited talk

Prof. Nina Morgner –
Goethe-Universität Frankfurt

"Probing molecular principles of assembly and interactions of protein complexes with native mass spectrometry"

11:40 - 12:10
contributed talk

Judith Münch – MLU Halle

"Directed evolution in yeast for unspecific peroxygenases"