

WEDNESDAY
25 OCTOBER 2023



**DEUTSCHE GESELLSCHAFT
DER PARFÜMEURE**

im

SEPAWA® e.V.



ROOM AUDITORIUM	ROOM 9
ROOM 10+11	ROOM 12+13
ROOM 15	FOYER 1ST FLOOR
FOYER 2ND FLOOR	

**European Detergents Conference (EDC) by
GDCh Division of Detergent Chemistry**

**SESSION 1: Scientific Conference -
Fundamental Research**

Chair: Prof. Dr. Birgit Glösen


09:00 -
09:30

**Clean and Green – New Approaches to
Commercial Polymers**

Prof. Dr. Steven Howdle, School of Chemistry, University
of Nottingham

09:30 -
09:50

**Modifying Rheological Properties of
Microemulsion Droplets through the Use of
Thermoresponsive Block Copolymers**

Albert Prause, Technische Universität Berlin, FG Physical
Chemistry/ Molecular Material Science  (available in
the SOFW Video Library after the congress)



09:50 - **Physical-Chemical Studies of
10:10 Biosurfactants with Co-Surfactants**

Janine Birnbach, Henkel AG & Co. KGaA

10:10 - **Aescin Induced Temperature-Dependent
10:30 Formation of Lipid Bicelles**


Prof. Dr. Thomas Hellweg, Universität Bielefeld,
Physikalische und Biophysikalische Chemie

10:30 - **Break
10:45**


**SESSION 2: Scientific Conference -
Fundamental Research**

Chair: Prof. Felix Schacher

10:45 - **Fundamental Understanding of Polymers'
11:05 Biodegradation**

Prof. Dr. Andreas Künkel, BASF SE  (available in the
SOFW Video Library after the congress)

11:05 - **Incorporation of Short-Chain Alcohols into
11:25 Liposomes and their Effect on Bilayer
Properties**

Fernanda Alvarado Galindo, Institut Laue-Langevin (ILL)
 (available in the SOFW Video Library after the
congress)

11:25 - **Water Nanochannels and Nanodroplets in
11:45 Polymer Hydrogels as Pathways for
Molecular Transport**

Dr. Matej Kanduč, Jozef Stefan Institute

11:45 - **Break
12:00**

**SESSION 3: Scientific Conference -
Fundamental Research**

Chair: Dr. Felix Müller

12:00 - **Microplastics in the Environment
12:30**

Prof. Dr. Christian Laforsch, Universität Bayreuth



12:30 - **Award Session “Young Scientists’ Award”
13:00 and Short Introduction of Scientific Posters
by Authors (EDC)**

13:00 - **Break + Lunch-Time Poster Tour with
14:30 Authors (EDC, 2nd Floor Foyer)**

SESSION 4: Scientific Conference - Fundamental Research

Chair: Prof. Dr. Dirk Bockmühl

14:30 - **Biodegradation of Water-Soluble Polymers
15:00 by Wastewater Microbiomes**

Prof. Dr. Michael Zumstein, University of Vienna

15:00 - **Cosurfactant Addition for Controlling
15:20 Viscosity and Mesoscopic Structure in
Polyelectrolyte-Surfactant Complexes**

Prof. Dr. Michael Gradzielski, Technische Universität
Berlin

15:20 - **Break + Poster Award (EDC, 2nd Floor
15:45 Foyer)**

SESSION 5: Scientific Conference - Fundamental Research

Chair: Prof. Dr. Matthias Karg

15:45 - **Multifunctional Aqueous Microgels
16:15**

Prof. Dr. Andrij Pich, DWI Leibniz Institute for Interactive
Materials e.V. ▶ (available in the SOFW Video Library
after the congress)

16:15 - **Assessing the Biodegradability of Water-
16:35 Soluble Polymers in Standardized
Laboratory Methods**

Dr. Glauco Battagliarin, A.I.S.E. ▶ (available in the
SOFW Video Library after the congress)



16:35 -
16:55 **Production of CO₂-Containing Non-Ionic Surfactants by Ring-Opening Polymerisation, a Modern Controllable Synthesis Alternative**

Daniel Brüggemann, TU Berlin-Institut für Chemie-
Technische Chemie-Mehrphasenreaktionstechnik

16:55 -
17:15 **Novel Biosurfactant Manufacturing: Journey from Sustainable to Net Zero**

Joana Pereira, Holiferm

25–27 OCTOBER 2023



SEPAWA® CONGRESS

European Detergents Conference (by GDCh)

DGP Conference

Cosmetic Science Conference (by DGK)

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