

„20 Years of EDC – The Future of Detergent Chemistry“

20th European Detergents Conference (EDC) – Jahrestagung der GDCh-Fachgruppe Chemie des Waschens
16.10.2024 – 09:00-17:25 Uhr

09:00-09:30

Amino-acid-derived Polyelectrolytes – Challenges and Opportunities

Jun.-Prof. Dr. Meike Nicole Leiske (University of Bayreuth)

09:30-09:50

Uncommon Phase Behaviour Upon Addition of Cosurfactant to Nonionic Micelles – Cylindrical Assembly of Small Micelles

Prof. Dr. Michael Gradzielski (Technische Universität Berlin)

09:50-10:10

Multifunctionals in Detergents und Cosmetic Emulsions

Dr. Larisa Tsarkova (Deutsches Textilforschungszentrum Nord-West gGmbH (DTNW))

10:10-10:30

Upcycled Cleaning Power: Food Waste-Derived Sophorolipids Outperform Market Standards

Dr. ir. Sophie Roelants (AmphiStar)

10:45-11:05

Membranolytic Properties of Detergents are Curse and Blessing

Dr. Leonhard Urner (TU Dortmund University)

11:05-11:25

Colloidal Chemistry in Water Treatment: In-Situ Investigation of Humic Acid Complexation with Biodegradable Modified Chitosan

Mingyu Yuan (TU BERLIN)

11:25-11:45

Behaviour of *Candida auris* and other *Candida* species in laundry hygiene tests according to EN 17658

Dr. Britta Brands (Dr. Brill + Prof. Bockmühl GmbH Institute for Applied Hygiene)

12:00-13:00

Award Session

Förderpreise Waschmittelchemie

Preis der Fachgruppe

13:00-14:30

Foyer 2nd Floor

Break + Lunch Time Poster Tour

14:30-15:00

Driving Sustainability along the Value Chain of Care Chemical Products

Dr. Jan Schoeneboom (BASF SE)

15:00-15:30

Biosurfactants – Greenwashing or Green Washing?

Dr. Joachim Venzmer (Evonik Operations GmbH), Prof. Dr. Dirk Bockmühl (Hochschule Rhein-Waal)

15:30-15:45

Foyer 2nd Floor

Break + Poster Award

15:45-16:15

Microbial Biosurfactants

Prof. Dr.-Ing. Rudolf Hausmann (University of Hohenheim)

16:15-16:35

Surface Energy Components of Lipid-containing Artificial Skin and their Implications for Cleansing Purposes

Alexander Jaekel (Hochschule Bonn-Rhein-Sieg)

16:35-16:55

Characterization of Aroma Compounds as Volatile Surfactants: Adsorption Layers with Mass Exchange

Prof. Theodor Gurkov (University of Sofia)

16:55-17:25

Sweet Allrounders: Amphiphilic Glycopolymers in Adhesion, Structure Formation and Medicine

Prof. Dr. Laura Hartmann (University Freiburg)