



# Graduation Ceremony 2023

December 11, 2023, 4 p.m., **Pavilion Hall R12 S00 H12**

University of Duisburg-Essen, Campus Essen

## Program

- 4:00**      **Welcome and Opening remarks**  
(Dean Prof. Dr. Torsten C. Schmidt)
- Short Lectures of the best Bachelor and Master Graduates**  
(Moderation: Jun.-Prof. Dr. Anzhela Galstyan)
- 4:10**      Janina Marie Pytlik: „Acute Ecotoxicological Effects of Industrial Wastewater on the aquatic Environment”  
(2<sup>nd</sup> Axel-Semrau Award)
- 4:20**      Leonardo Solazzo: „Charakterisierung eines hydrophilic-lipophilic balanced SPME Materials zur Anreicherung von Analyten aus wässrigen Proben”  
(2<sup>nd</sup> Axel-Semrau Award)
- 4:30**      Semira Gertchen: „Influence of 5'-untranslated regions and Shine-Dalgarno sequences on plasmid-based protein synthesis in *Sulfolobus acidocaldarius*”  
(1<sup>st</sup> Axel-Semrau Award)
- 4:40**      Christian Schlautmann: „Detection of drift distances and densities of macroinvertebrates in a sand-dominated lowland river by stable isotope labelling” (Brita Award)
- 4:50**      Bastian Oelrich: „Carbon dioxide (CO<sub>2</sub>) reduction in bioelectrochemical systems (BES) using wastewater derived electrolyte” (Kurita Award)
- 5:00**      **Break**

### **Short Lectures of the best Master Graduates**

(Moderation: Prof. Dr. Bettina Siebers)

**5:10** Cedric Thom: „Optimization of the ion transmission efficiency of an electrospray ion source for HPLC-MS”  
(3<sup>rd</sup> Feralco Water Award)

**5:20** Thomas Beesley: „Microdiversity of uncultivated Altiarchaea-associated viruses”  
(2<sup>nd</sup> Feralco Water Award)

**5:30** Carrie Julia Moore: „A Metaproteomic Analysis of Viral Activity and Function in a High-CO<sub>2</sub> Geyser”  
(1<sup>st</sup> Feralco Water Award)

### **5:40 Musical Intermezzo I (Trio Estodé)**

Philipp Wenger — Violin

Milena Geraedts — Viola

Tobias Sykora — Violoncello

**5:50 Awarding degree certificates by Prof. Dr. Oliver Schmitz, PD Dr. Ursula Telgheder and Prof. Dr. Alexander Probst**

### **Awarding of prizes**

(Moderation: PD Dr. Ursula Telgheder)

**6:05 Awarding of prizes for the best performance in analytical chemistry by Prof. Dr. Torsten C. Schmidt to Anna Mangels (Bachelor Water Science) and to Carrie Julia Moore (Master Water Science)**

**6:10 Axel-Semrau Award presentation by Dr. Tobias Uber, Axel-Semrau**

**6:20 Feralco Water Award presentation by Dr. Arne Hörsken, Feralco-Group**

**6:30 Brita Award presentation by Joris Schöneck**

**6:40 Kurita Award presentation for the best water technology thesis by Dr. Richard Tippett, Kurita**

**6:50 Musical Intermezzo II (Trio Estodé)**

**7:00 Closing remarks Prof. Dr. Rainer Meckenstock**