



Graduation Ceremony 2024

December 16, 2024, 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: PD Dr. Ursula Telgheder)
- 4:10** Michelle Kulbatzki: „Untersuchung der Ölabbaufähigkeiten von Algen-Bakterien-Gemeinschaften aus natürlichen, Erdöl-assozierten Habitaten”
(2nd Axel-Semrau Award)
- 4:20** Yuxin Wang: „Cloning and Purification of NADH-Flavin Oxidoreductases”
(2nd Axel-Semrau Award)
- 4:30** Alina Surmeneva: „Reduktion der Aromatenringe von Phenanthren unter Verwendung von NADH-Flavin-Oxidoreduktasen unter anoxischen Bedingungen”
(1st Axel-Semrau Award)
- 4:40** Damian Schomers: „Mitigation techniques for bromate formation in oxidative wastewater treatment using ozone strong water treatment” (Brita Award)
- 4:50** Isabell Erdmann: „Development of a microbial index for groundwater quality with respect to nitrogen” (Kurita Award)
- 5:00** **Break**

Short Lectures of the best Master Graduates

(Moderation: Prof. Dr. Bettina Siebers)

- 5:10** Annika Gruhlke: „Isotope Analysis of Nitrogenous Model Substances – Investigation of Wet Persulfate Oxidation in the Interface of the HPLC-Isotope Ratio Mass Spectrometer”
(1st Feralco Water Award)
- 5:20** Kevin Hau: „Quantification of central carbon metabolism enzymes from laser micro-dissected tumor samples using targeted LC-MS/MS”
(1st Feralco Water Award)
- 5:30** Hanna Martin: „Cloning, expression and functional analysis of the recombinant acyl-CoA synthetases Saci_2207 and Saci_2235 and investigation of potential pathways for short chain fatty acid assimilation in *Sulfolobus acidocaldarius*”
(1st Feralco Water Award)
- 5:40** Kaliyani Wickneswaran: "Two-dimensional analysis of nitrosamines in aqueous matrices by GC-IMS"
(1st Feralco Water Award)
- 5:50** **Musical Intermezzo I (Trio Estodé)**
María del Mar Vargas Amezcua - Violin
Albert Khametov - Violin
Tobias Sykora - Violoncello
- 6:00** **Awarding degree certificates by Prof. Dr. Rainer Meckenstock, Jun. - Prof. Anzhela Galstyan and Prof. Dr. Alexander Probst**
- Awarding of prizes**
(Moderation: Prof. Dr. Rainer Meckenstock)
- 6:20** **Awarding of prizes for the best performance in analytical chemistry by Prof. Dr. Margit Geißler (Member of the Board of the GDCh Division of Analytical Chemistry) to Alina Hofrath (Bachelor Water Science) and to Isabell Erdmann (Master Water Science)**
- 6:30** **Axel-Semrau Award presentation by Dr. Tobias Uber, Axel-Semrau**
- 6:40** **Feralco Water Award presentation by Dr. Arne Hörsken, Feralco-Group**
- 6:50** **Brita Award presentation by Prof. Dr. Torsten C. Schmidt**
- 7:00** **Kurita Award presentation for the best water technology thesis by Dr. Michael Urschey, Kurita**
- 7:10** **Musical Intermezzo II (Trio Estodé)**
- 7:20** **Closing remarks Prof. Dr. Alexander Probst**