



# Graduation Ceremony 2017

December 11, 2017, 4 p.m., **Pavilion Hall R12 S00 H12**

University of Duisburg-Essen, Campus Essen

## Program

- 4:00 Welcome**  
(Dean Prof. Dr. Carsten Schmuck)
- 4:10 Opening remarks**  
(Prof. Dr. Torsten Schmidt)
- Short Lectures of the best Bachelor and Master Graduates**  
(Moderation: Prof. Rainer Meckenstock)
- 4:20** Sandra Schmidt: „Bewertung der Aufbereitungswirksamkeit hinsichtlich der Eliminationsleistung für Viren mittels somatischer Bacteriophagen als Modellorganismen im Trinkwasserwerk Perlenbach“  
(2<sup>nd</sup> Axel-Semrau Award)
- 4:30** Christian Alexander von Hagen: „Untersuchung von Crotonase-ähnlichen Enzymen des anaeroben Naphthalinabbauweges“  
(2<sup>nd</sup> Axel-Semrau Award)
- 4:40** Valentina Isabelle Merkus: „Effect of environmentally relevant concentrations of the antibiotic ciprofloxacin in influent on antibiotic resistant bacteria and antibiotic resistance genes in a wastewater treatment plant“  
(1<sup>st</sup> Axel-Semrau Award)
- 4:50** Tobias Hesse: „Evaluating the impact of pH on in-sewer biotransformation of antibiotics“ (Brita Award)
- 5:00** Jens Terhalle: „Chlorine dioxide in wastewater treatment -potential and by-products“ (Kurita Award)
- 5:10 Break**

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

(Moderation: Prof. Torsten Schmidt)

- 5:25** Anh Van Le: „Model-based analysis of microbial consortia and soluble microbial products dynamics in anammox biofilm reactors“ (3<sup>rd</sup> Venator Water Award)
- 5:35** Astrid Neu: „Investigation of sugar degradation pathways with a special focus on one phosphoglucomutase from the (hyper)thermoacidophilic crenarchaeon *Sulfolobus solfataricus* P2“ (2<sup>nd</sup> Venator Water Award)
- 5:45** Andreas Schielke: „Evidence for the presence of the unidirectional TreT-pathway in *Sulfolobus acidocaldarius*“ (2<sup>nd</sup> Venator Water Award)
- 5:55** Larissa Schocke: „Impact of protein phosphorylation in the thermoacidophilic crenarchaeota *Sulfolobus acidocaldarius* DSM 639“ (1<sup>st</sup> Venator Water Award)
- 6:05** **Musical Intermezzo I (Trio Estodé)**
- 6:20** **Awarding degree certificates by Prof. Oliver Schmitz**
- 6:40** **Awarding of prizes for the best performance in analytical chemistry (GDCh, Division of Analytical Chemistry) to Valentina Isabelle Merkus (Bachelor) and Vincent Scholz (Master)**
- 6:50** **Axel-Semrau Award presentation by Manuel Stephan, Axel-Semrau**
- 7:05** **Venator Water Award presentation by Dr. Arne Hörsken, Venator**
- 7:20** **Brita Award presentation by Joris Buiters, Brita**
- 7:30** **Kurita Award presentation by Wolfgang Hater for the best water technology thesis, Kurita**
- 7:40** **Musical Intermezzo II (Trio Estodé)**
- 7:55** **Closing remarks Prof. Bettina Siebers**
- Closing ceremony with champagne and pretzels**