



Graduation Ceremony 2019

December 09, 2019, 4 p.m., **Pavilion Hall R12 S00 H12**

University of Duisburg-Essen, Campus Essen

Program

- 4:00** **Welcome**
(Dean Prof. Dr. Torsten C. Schmidt)
- 4:10** **Opening remarks**
(Prof. Dr. Torsten Schmidt)
- Short Lectures of the best Bachelor and Master Graduates**
(Moderation: Prof. Dr. Rainer Meckenstock)
- 4:20** Simon Kleimann: „Investigation of the glycerol metabolism of the archaeon *Sulfolobus acidocaldarius*”
(2nd Axel-Semrau Award)
- 4:30** Arne Meier: „Nachweis und Darstellung mikrobieller Biofilme aus in Bitumen verteilten Wassertropfen”
(2nd Axel-Semrau Award)
- 4:40** Michael Leupold: „Cloning, expression and purification of glycosyltransferases from *Sulfolobus acidocaldarius*”
(1st Axel-Semrau Award)
- 4:50** Philipp Pfetzing: „Entwicklung eines Filtertests zur schnellen Bewertung der Adsorptionskapazität von Aktivkohlen” (Brita Award)
- 5:00** Katharina Hupperich: „Formation of secondary oxidants and by-products in chlorine dioxide-based treatment of water” (Kurita Award)
- 5:10** Leonard Bäcker „A comparative study on the predatory behaviour of *Bdellovibrio bacteriovorus* in connection with biofilms formed by different model organisms under static and dynamic conditions” (3rd Venator Water Award)
- 5:20** Annika Kleinschmidt: „Characterization and preparative purification of SERS-active nanoparticles by asymmetric flow-field flow fractionation” (3rd Venator Water Award)
- 5:30** **Break**

Short Lectures of the best Master Graduates

(Moderation: Prof. Dr. Alexander J. Probst)

- 5:45** Valentina Isabelle Merkus: „Analysis of transformation products during the ozonation of nitrogen containing compounds in presence of matrix constituents with LC-HRMS” (2nd Venator Water Award)
- 5:55** Isabelle Heker: „Purification of the 2-naphthoate:CoA ligase of the anaerobic naphthalene degradation pathway” (1st Venator Water Award)
- 6:05** Xenia Mutke: „Investigation of reactions of saturated heterocyclic amines with chloride dioxide” (1st Venator Water Award)
- 6:15** Irene Sanchez Villalobos: „ Study of phosphorus recovery from sewage sludge for the development of sustainable value chains on the basis of the framework conditions in the Emscher-Lippe-Region” (1st Venator Water Award)
- 6:25** Victoria Turzynski: „In situ detection of novel archaeal viruses from a subsurface aquifer” (1st Venator Water Award)
- 6:35** **Musical Intermezzo I (Trio Estodé)**
Maurice Maurer — Violin
Erin Kirby — Viola
Tobias Sykora — Violoncello
- 6:45** **Awarding degree certificates by Prof. Dr. Oliver Schmitz and PD Dr. Ursula Telgheder**
- Awarding of prizes**
(Moderation: PD Dr. Ursula Telgheder)
- 7:00** **Awarding of prizes for the best performance in analytical chemistry by Mikheil Gogiasvili (GDCh, Division of Analytical Chemistry) to Valentina Merkus, Master Water Science**
- 7:10** **Axel-Semrau Award presentation by Manuel Stephan, Axel-Semrau**
- 7:20** **Venator Water Award presentation by Dr. Arne Hörsken, Venator**
- 7:35** **Brita Award presentation by Joris Buiters, Brita**
- 7:45** **Kurita Award presentation for the best water technology thesis by Michael Urschey, Kurita**
- 7:55** **Musical Intermezzo II (Trio Estodé)**
- 8:05** **Closing remarks Prof. Dr. Alexander J. Probst**
- Closing ceremony with Sparkling Wine and pretzels**