

Program Weimar January 10th - 11th, 2019 Antibiotics in Manure and Digestate

January 10th

14:00 Welcome to the 8th International Biogas and Biomethane Arena Workshop Prof. Frank Scholwin, Institute for Biogas, Waste Management and Energy, Germany

14:20 Keynote: Fate and effects of veterinary medicines emitted to the environment in manure and slurries

Professor Alistair B A Boxall, University of York, UK

14:50 Introduction ABIOTEC and Workshop goals
Dr. rer. nat. E.- Peter Kulle, MFPA Weimar,
Germany

15:20 Introduction MFPA Weimar

Dr. Konrad Nitsche / Mr. Burkhard Danz, MFPA,

Germany

15:35 BREAK

15:50 Topic to be announced Prof. Sören Thiele-Bruhn, Trier University, Germany

16:20 Out of sight, out of mind – Fate of antibiotics in manure

Dr. Astrid Spielmeyer, Justus Liebig University,

Germany

16:50 Biotransformation of Sulfonamide Antibiotics in Activated Sludge
Dr.-cand. Stefan Achermann, Swiss Federal Institute of Aquatic Science and Technology, Eawag, Switzerland

17:10 Concluding Remarks for Day 1

18:30 Dinner and Discussion

January 11th

8:30 Topic to be announced Frank Schütz, MFPA Weimar, Germany

9:00 Topic to be announced (Analysis Challenges)
Dr. Sebastian Zühlke, Dortmund University,
Germany

9:30 Characterizing the fate of chemicals in AD systems using stable isotope concepts Dr. Marcel Nikolausz, Helmholtz Centre for Environmental Research (UFZ), Germany

10:00 BREAK

10:20 Topic to be announced

Martin Hansen, Aarhus University, Denmark

11:50 Demonstrations from the ABIOTEC project in the MFPA labratories

12:30 LUNCH

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