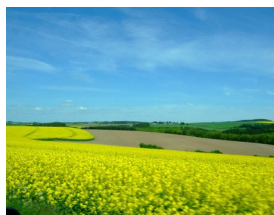


July 7-12, 2014

# Summer School 2014

University of Luxembourg and University of Trier

## Sustainable Waste and Waste Water Management



### Speakers

**Dr. Dorvil Patrick L.**

European Investment Bank, Luxembourg

**apl. Prof. Dr. habil. Emmerling Christoph**

University of Trier, Germany

**Prof. Dr. Dr. Fischer Klaus**

University of Trier, Germany

**Prof. Dr.-Ing. Greger Manfred**

University of Luxembourg

**Prof. Dr.-Ing. Hansen Joachim**

University of Luxembourg

**Mr. Hart Stephen**

European Investment Bank, Luxembourg

**MSc. Hien Sebastian**

University of Luxembourg

**Dr.-Ing. Knerr Henning**

University of Kaiserslautern, Germany

**Prof. Dr.-Ing. Rettenberger Gerhard**

University for Applied Sciences Trier, Germany

**Dr. Schutz Georges**

CRP Henri Tudor / CRTE, Luxembourg

**Prof. Dr. agr. habil. Thiele-Bruhn Soeren**

University of Trier, Germany

**Prof. Dr. Wagner Jean-Frank**

University of Trier, Germany

### Our Topics

- Recycling and energy recovery from Solid Waste
- MBT-Waste: Technology and material characteristics
- Main features and characteristics of biogas production
- Energy from Waste: EIB Contribution
- Antibiotics in Waste and Wastewater
- Energy recovery strategies in the urban water cycle
- Elimination of micropollutants from Wastewater  
Advanced oxidation processes
- Importance of enzymatic processes for the removal of organic trace pollutants from Wastewater
- EOS - A multi criteria expert system for improving energy consumption on municipal WWTPs – theory and practice
- EU Wastewater management legislation
- Close loop systems for a re-use of Wastewater: theory and experiences
- Landfill reuse and urban mining
- Landfill gas emissions – methods for control and reduction
- Behaviour of old and modern landfills
- EU Waste management legislation
- Waste in agriculture and farming
- Sustainable use of energy in municipal Wastewater treatment plants
- Urban mining in Wastewater treatment plants - Recovery of nutrients from Wastewater and sludge
- Financing Solid Waste Projects in EU - sector: Sector Issues and Opportunities for EIB



<http://summerschool2014.uni.lu>

Place : **Luxembourg, Campus Kirchberg**

Course language : **English**

Registration end : **June 08, 2014**

Summer School : **July 7-12, 2014**