

Seminar Program for the Alumni-Special Project in ahead of the Trade Fair IFAT 2016

Sunday 22.05.16	Arrival of the Participants (Alumni) Hotel Siegboot Siegen Eiserfelder Str. 230-232, 57080 Siegen Tel. 0049 (0)271 359030		
Montag 23.05.16	Time	Topic	Referent
	<u>8:00</u>	Departure and bus transfer from hotel to university (Alumni)	
	<u>9:00 - 9:20</u>	Welcome address and introduction into the program and the context to the IFAT	Rectorate of the University Professor Dr. Mannel Prof. Dr.-Ing. Horst Görg; Prof. Dr. Paolo Reggiani
	The sewer system		
	<u>9:20 - 10:00</u> 30Min / 10Min Talk / Discuss	Trenchless pipe laying: Solution for megacity's infrastructure	Dr. Hans-Joachim Bayer, Tracto-Technik, Lennestadt
	<u>10:00 - 10:40</u> 30Min / 10Min Talk / Discuss	Trenchless rehabilitation of rotten sewer systems	B.Sc. Anne Büns, Ingenieurbüro Brenner, Hennef
	10:40 - 11:00	Coffee break (20 Minutes)	
	<u>11:00 - 11:40</u> 30Min/10Min Talk/Discuss	Pipe materials for the public sewer systems and private drainages	Dipl.-Ing. Jan Franke Fa. Egeplast, Greven
	<u>11:40 - 12:20</u> 30Min/10Min Talk/Discuss	Swale percolation for rainwater disposal using the example of an industrial area	Dipl.-Ing. Henning Otterbach Brendebach Ingenieure, Siegen
	<u>12:20 - 12:30</u>	Short introduction of participants and brainstorming (Situation in the country)	Participants (Alumni)
	12:30 - 14:00	Lunch	
	<u>14:00 - 14:40</u> 30Min/10Min Talk/Discuss	Software tools for sewer network modelling Part I	Dipl.-Ing. Thomas Beeneken Institut für technisch- wissenschaftlich Hydrologie GmbH (ITWH), Hannover
	<u>14:40 - 15:20</u> 30Min/10Min Talk/Discuss	Software tools for sewer network modelling Part II	Dipl.-Ing. Thomas Beeneken Institut für technisch- wissenschaftlich Hydrologie GmbH (ITWH), Hannover
	15:20 - 15:40	Coffee break (20 Minutes)	
	<u>15:40 - 16:20</u> 30Min/10Min Talk/Discuss	Plastic pipes and chambers for private and public waste water disposal systems.	Dipl.-Ing. Michael de Groot Fa. Anger Systemtechnik, Marl
	<u>16:20 - 17:20</u> 15Min/45Min Discuss/GW	General discussion; Group work: Which systems are required? Which experiences exist? Which expectations are placed to future development?	Participants / Speakers Group work participants - (Alumni)
<u>17:30</u>	Departure and bus transfer from university to hotel (Alumni)		

Wastewater Treatment			
Tuesday 24.05.16	<u>8:00</u>	Departure and bus transfer from hotel to university (Alumni)	
	<u>9:00 - 9:40</u> 30Min / 10Min Talk / Discuss	Wastewater treatment with compact house and small treatment systems	Dipl.-Ing. Jens Gerendt, Mall Umweltsysteme GmbH, Donaueschingen
	<u>9:40 - 10:20</u> 30Min / 10Min Talk / Discuss	Use of rainwater and rainwater management	Dipl.-Ing. Jens Gerendt, Mall Umweltsysteme GmbH, Donaueschingen
	<u>10:20 - 10:40</u>	Coffee break (20 Minutes)	
	<u>10:40 - 11:25</u> 35Min / 10Min Talk / Discuss	Constructed wetlands as an alternative to technical structures	Ingenieurgesellschaft Janisch & Schulz mbH, Münzenberg-Gambach
	<u>11:25 - 12:10</u> 35Min / 10Min Talk / Discuss	Purification with sequencing batch reactor (SBR)	Günter Müller-Czygan, HST Systemtechnik, Meschede
	<u>12:10 - 12:30</u> 20Min Discuss	General discussion or time buffer	Participants / Speakers
	<u>12:30 - 14:00</u>	Lunch	
	<u>14:00 - 14:40</u> 30Min/10Min Talk/Discuss	The elimination of pharmaceutical residues at sewage plants with ozonisation and activated carbon using the example of sewage plant Schwerte	Dr.-Ing. Dieter Thöle Ruhrverband Essen, Essen
	<u>14:40 - 15:20</u> 30Min/10Min Talk/Discuss	Water and wastewater from quantum physics perspective	Heinz Ihne, Fa. AWAS biowaterworld for europe, Wilnsdorf
	<u>15:20 - 16:05</u> 35Min/10Min Talk/Discuss	Produced Water - neglected water pollution in the global oil and gas production	Inga Sybill Krüger Fa. AWAS International GmbH, Wilnsdorf
	<u>16:05 - 16:25</u>	Coffee break (20 Minutes)	
	<u>16:25 - 17:00</u> 35Min GW	Group work: How can the "sewage" in the respective Region be used? Use of geographic information systems in water management!	Group work participants - (Alumni)
<u>17:30</u>	Departure and bus transfer from university to hotel (Alumni)		
Wednesday 25.05.16	<u>8:30 - ca. 17:30</u>	<p style="text-align: center;">Excursion:</p> <p style="text-align: center;">Visit of the wastewater treatment plant Siegen – Eiserfeld (ESI); 9:00 -12:00</p> <p style="text-align: center;"><i>Lunchtime</i> 12:00 - 13:00</p> <p style="text-align: center;">Visit of the company “Drössler Umwelttechnik” Siegen 13:00 – 15:00</p> <p style="text-align: center;">Historical heritage: Water supply in the ancient city of Siegen (Dr. Bingener) (<i>on request / unconfirmed</i>) 15:30 – 17:30</p>	

Presentations Alumni		
<u>8:00</u>	Departure and bus transfer from hotel to university (Alumni)	
<u>9:00 - 9:40</u> 30Min / 10Min Talk / Discuss	Environmetric approach to investigate urbanisation on water quality	Dr. Hülya Boyacioglu, Izmir, Turkey
<u>9:40 - 10:20</u> 30Min / 10Min Talk / Discuss	Plants used for biomonitoring and phytoremediation of trace elements in soil and water	Dr. Oksana Sytar, Kyiv, Ukraine
10:20 - 10:40	Coffee break (20 Minutes)	
<u>10:40 - 11:20</u> 30Min / 10Min Talk / Discuss	Program "Wastewater and solid waste management for provincial centres in Vietnam"	M.Sc. Thuy Ha Nguyen, Hanoi, Vietnam
<u>11:20 - 12:00</u> 30Min / 10Min Talk / Discuss	Biogas Technology for energy for self-autonomy – Paradigm shift in resource management at BUST and environs	Dr. Eugene Asi Cameroon
<u>12:00 - 12:30</u> 30 Min Discuss	General discussion	Participants / Speakers
12:30 - 14:00	Lunch	
<u>14:00 - 14:40</u> 30Min/10Min Talk/Discuss	Performance evaluation of electro-biochemical reactor in removal	Dr. P. Jegathambal, Coimbatore, India
<u>14:40 - 15:00</u> 20Min Talk	Group presentation (Topic from Monday and Tuesday)	Group 1
<u>15:00 - 15:20</u> 20Min Talk	Group presentation (Topic from Monday and Tuesday)	Group 2
<u>15:20 - 15:40</u> 20Min Talk	Group presentation (Topic from Monday and Tuesday)	Group 3
<u>15:40 - 16:00</u> 20Min Discuss	General discussion	Groups / All
16:00 - 16:20	Coffee break (20 Minutes)	
<u>16:20 - 17:00</u> 40Min Group	Group work: Impressions excursion; Budget planning/ financing of projects in the field of wastewater management; Socially acceptable configuration of fees; What's the meaning of "Good Governance"; Concerning the question before, is there a difference between urban (cities) or the rural?	Group work participants - (Alumni)
<u>17:00</u>	Departure and bus transfer from university to hotel (Alumni)	

Thursday 26.05.16 (Holiday - Corpus Christi)

Good Financial Governance and things to know
Research & Development University Siegen

Friday 27.05.16	8:00	Departure and bus transfer from hotel to university (Alumni)	
	9:00 - 9:40 30Min / 10Min Talk / Discuss	The prevention of exfiltration and infiltration by a tight sewerage system	Prof. Dr. Horst Görg, Universität Siegen, Abwasser- und Abfalltechnik
	9:40 - 10:20 30Min / 10Min Talk / Discuss	Strategy and design of a modern wastewater disposal system by the practical use of the technical standards and the engineering tools	Dipl.-Ing. Alexander Krüger Universität Siegen, Abwasser- und Abfalltechnik
	10:20 - 10:40	Coffee break (20 Minutes)	
	10:25 - 11:05 30Min / 10Min Talk / Discuss	EU-Water Framework Directive	Prof. Dr. Paolo Reggiani Universität Siegen, Wasserwirtschaftl. Risikobew.
	11:05 - 11:45 30Min / 10Min Talk / Discuss	Environmental legally aspects in dealing with wastewater sand and sewage sludge; installation engineering/ treatment	Dipl.-Ing. Peggy Hiemann Universität Siegen, Abwasser- und Abfalltechnik
	11:45 - 12:25 30Min/10Min Talk/Discuss	General Drainage Planning Sewage Disposal Concept as planning and control mechanism	Dipl.-Ing Ingrid Althoff Universität Siegen, Wasserwirtschaftl. Risikobew.
	12:25 - 14:00	Lunch	
	14:00 - 14:40 30Min/10Min Talk/Discuss	Financing by drainage fees and waste water charges	Prof. Dr. Paolo Reggiani Universität Siegen, Wasserwirtschaftl. Risikobew.
	14:40 - 15:20 30Min/10Min Talk/Discuss	Cost comparison and decision making in sanitary engineering under sustainability standards	Prof. Dr. Horst Görg, Universität Siegen, Abwasser- und Abfalltechnik
	15:20 - 15:40	Coffee break (20 Minutes)	
	15:40 - 16:20 3 x 15Min Talk	Group presentation (Topic from Thursday)	Groups (1 to 3)
	16:20 - 17:00 40 Min. Discuss	General discussion Group work; What is expected from the visit of the IFAT? Seminar Evaluation	Groups / All Participants
	17:00	Departure and bus transfer from university to hotel (Participants)	
Saturday 28.05.16	Individual Free Day Cultural Activity		
Sunday 29.05.16	9:00 hour in the morning departure to Munich / arrival in Munich in the afternoon		

Monday 30.05.16 - Friday 03.06.16 visit of the **IFAT**; Organisation DAAD; Departure Saturday 04.06.16

