

Serial Summer School "Sustainable Water Management" , Ilmenau, Germany

1st week: 17 September - 22 September 2012

**Final Programme**

Day Time	Monday/Meitner building, TU Ilmenau 17.09.2012	Tuesday/Meitner building, TU Ilmenau 18.09.2012	Wednesday / Penig, Saxonia 19.09.2012	Thursday/Meitner building, TU Ilmenau 20.09.2012	Friday / Munich, Bavaria 21.09.2012	Saturday 22.09.2012
09:00	Welcome: Dr. Scharaw, Fraunhofer AST, Dr. March/Director of TU Ilmenau	Decision support for management of water/water-energy systems (Systems engineering fundamentals 1); Prof. Li, Prof. Puta/TU Ilmenau	Excursion to Bergmann Clean Abwassertechnik GmbH, Penig, Saxony, Germany (Production, realization, and supervision of full-biological waste water technologies for households, municipalities, enterprises) Departure: 7:30 from Hotel Tanne; Accompanying person: Dr. Scharaw/AST Ilmenau	Introduction to Fraunhofer Application Center Systems Engineering/1, Dr. Scharaw, Dipl.-Ing. Westerhoff	Excursion to Munich, Bavaria, Germany (Waste Water treatment plant, waste sludge disposal) Departure: 6:00 from Hotel Tanne; Accompanying person: Dr. Hopfgarten/TU Ilmenau	Individual time
09:30	International School, Organizational procedure: Dr. Hopfgarten/TU Ilmenau;					
10:00	Introduction of participants;Explanation of the 3 year Serial Summer School; Dr. Scharaw/ Fraunhofer AST participants					
10:30	Coffee break	Coffee break		Coffee break		
11:00	Research and projects at Fraunhofer AST, education and reserach at Ilmenau Univ. of Technology, explanation of "German Water Partnership" Dr. Scharaw/Fraunhofer AST; Prof. Li, Prof. Puta, Dr. Hopfgarten/TU Ilmenau all	Simulation of dynamic systems – methods and tools (Systems Engineering fundamentals 2) Dr. Hopfgarten/TU Ilmenau		Introduction to Fraunhofer Application Center Systems Engineering/2, Dr. Scharaw, Dipl.-Ing. Westerhoff		
11:30						
12:00						
12:30	Lunch in TU Ilmenau refectory, Registration office	Lunch in TU Ilmenau refectory		Lunch in TU Ilmenau refectory		
13:00						
13:30						
14:00	Discussion and agreement about contribution of participants (Prof. Puta, Dr. Scharaw)	Participant's contributions: max. 4 contributions with discussion; Moderation: Dr. S. Hopfgarten	Optimization of static and dynamic systems, Prof. Li/TU Ilmenau		Hiking to Kickelhahn, Goethe cottage	
14:30						
15:00						
15:30	Coffee break	Coffee break	Coffee break			
16:00	Campus tour, city tour: Dr. Hopfgarten/Prof. Puta	Management of Wastewater Treatment Systems in Mongolia, Dipl.-Ing. Dietze/Fraunhofer AST	Participant's contributions: max. 4 contributions with discussion; Moderation: Prof. Puta			
16:30						
17:00						
17:30						
18:00						
18:30						
19:00	Dinner/Hotel Tanne	Dinner/Hotel Tanne	Dinner/Hotel Tanne	Dinner/Hotel Tanne	approx. 20:00 Dinner/Hotel Tanne	Dinner/Hotel Tanne

Dinner: (1 meal out of 3, 1 beverage included)