



Workshop Program

Monday, February 18th 2013		
11am-4pm	Registration of participants, poster installation	
4pm	Opening	
	Prof. Dr. Mathias Ulbricht / Dr. Ahmed S. G. Khalil University of Duisburg-Essen /Egypt Nanotechnology Center & Fayoum University	
	Prof. Dr. Abdelkawi Khalifa Minister of Drinking Water and Sanitation Facilities	
4:30pm – 5:30pm	Prof. Dr. Elias Salameh University of Jordan	Keynote-Lecture: Water crisis: The situation in the Middle East
5:30pm	Poster Session	

Tuesday, February 19th 2013		
9am	Water Management Chair: Prof. Dr. Fatma El-Gohary	
	Prof. Dr.-Ing. André Niemann University of Duisburg-Essen	Water, how to manage a rare resource
	Prof. Dr. Uwe Tröger Technische Universität Berlin	Integrative water resource management with a focus on semiarid and arid regions
	Prof. Dr. Mark Oelmann Hochschule Ruhr West	The Regulation of Water Utilities – A helpful instrument for MENA-Countries?
10:30am – 11am	Coffee break	
11am	Water Management Chair: Prof. Dr. Rifaat Abdel Wahaab	
	Prof. Dr.-Ing. Burkhard Teichgräber Emschergenossenschaft/Lippeverband	Balances in a watershed
	Prof. Dr. Mahmoud M. Shendi Fayoum University	A prospective study for efficient water management under the prevailing water challenges
	Prof. Dr. Fatma El-Gohary National Research Center	Integration of Wastewater in the Water Resources of Egypt: Opportunities and Challenges
	Prof. Dr.-Ing. Sven-Uwe Geißen Technische Universität Berlin	Industrial water recycling – challenges and limitations
1pm – 2pm	Lunch break	
2pm	Water Treatment Chair: Prof. Dr.-Ing. Burkhard Teichgräber	
	Prof. Dr. Sameh Abdelgawad Cairo University	Water is a human right - An Egyptian perspective
	Prof. Dr. Torsten Claus Schmidt University of Duisburg-Essen	Potential and Limitations of (Advanced) Oxidation Processes in Water and Wastewater Treatment
	Prof. Dr. Mohamed Badawy National Research Center	Water Quality of Drinking Water Resources and Formation of Disinfection by-products
3:30pm – 4pm	Coffee break	
4pm – 5:30pm	Water Treatment Chair: Prof. Dr. Sameh Abdelgawad	
	Dr.-Ing. Heike Glade University of Bremen	Thermal processes for water desalination
	Prof. Dr. Mathias Ulbricht University of Duisburg-Essen	Membrane technologies for water purification
	Dr. Ibrahim Khaled Holding Company for Water & Wastewater	Reverse osmosis desalination plant in Nuweiba city

Wednesday, February 20th 2013		
9am	Water Quality Chair: Prof. Dr. Mahmoud M. Shendi	
	Dr. Samy Abdel Azeem Fayoum University	Developments of new sorbents for removal of hazardous materials from water
	Prof. Dr. Hans Curt Flemming University of Duisburg-Essen	Life and death of bacteria in drinking water
	Prof. Dr. Müfit Bahadır Technische Universität Braunschweig	EM-PO-W-ER Tunisia – EMerging POLLutants in Water and Wastewater in Tunisia
10:30am – 11am Coffee break		
11am	Wastewater Reuse Chair: Prof. Dr. Müfit Bahadır	
	Senior Scientist Hany El Kateb Technische Universität München	Use of treated sewage water for large-scale afforestation
	Prof. Dr. Rifaat Abdel Wahaab Holding Company for Water & Wastewater	Wastewater Reuse in Egypt: Opportunities and Challenges
	Dr. Iman Mokhtar Dr. Ahmed Labena Ain Shams University and Technische Universität München	Use of biological methods and non-conventional in various wastewater treatment
12:30pm – 1:30pm Lunch break		
2pm-3pm	Wastewater Reuse Chair: Prof. Dr. Mathias Ulbricht	
	Dr. Olfa Mahjoub Dr. Borhane Mahjoub INRGREF, Tunis and ISA, Sousse	Wastewater reuse and emerging pollutants in Tunisia: current status and challenges
	Prof. Dr. Peter Rutschmann Technische Universität München	Water, Food and Energy
3pm – 3:30pm	Support	
	Dr. Michael Harms DAAD Cairo Office	DAAD support for Egypt
3:30pm – 4:30pm	Final Discussion, Outlook and Poster prizes	
	Moderation: Prof. Dr. Torsten Claus Schmidt / Dr. Michael Eisinger Centre for Water and Environmental Research, University of Duisburg-Essen	
7pm - 9pm Cairo Climate Talks		