

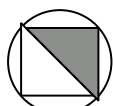
New Generation Sensors for Unsaturated Soils and Water Technology

Venue: Ruhr-Universität Bochum
Building IC, Rooms 03-604 / 03-606

Workshop Day I Wednesday 24.02.2016

	Registration	08:30 - 09:00
	Opening: Prof. Dr. Tom Schanz, Ruhr-Universität Bochum	09:00 - 09:10
	Introduction by Mr. Chakraborty, Director of IGSTC	09:10 - 09:25
Plenary Lecture I: Bridgehead for Research: Connecting Bavaria and India Services of the Bavarian-Indian Centre		09:25 - 09:55
Wiebke Dörfler, Bavarian-Indian Centre for Business and University Cooperation, Hof		
Plenary Lecture II: Soil Suction Measurement Using a Fixed-Matrix Porous Ceramic Disc Water Potential Sensor		09:55-10:25
Dr. Snehasis Tripathy, Cardiff University, UK		
	Tea / coffee break	10:25 - 11:00
Parallel Session 1 – Water Supply, Monitoring and Mitigation Activities in India	Parallel Session 1 – Current Techniques for Measurements in Unsaturated Soils I	
Ground Water Contamination, Monitoring and Mitigation Activities in India	Application of Sensors in Geoenvironmental Engineering	11:00 - 11:25
Dr. Ashok Ghosh, Bihar State Pollution Control Board, Patna	Prof. Dr. D. N. Singh, ITT Bombay, Mumbai	
Monitoring and Mitigating Water and Sanitation Challenges: Water Quality Measurement - An Imperative in an Innovative Sanitation System Development	Permittivity of Bound Water in Swellable Clay Minerals	11:25 - 11:50
Prof. Dr. Siddhardt Jabade, Vishwakarma Institute of Technology, Pune	Dr. Katja Emmerich, Dr. Rainer Schuhmann, Competence Center for Material Moisture, Karlsruhe Institute of Technology	
Arsenic Testing for a Fee	Effects of Temperature on Suction Measurements	11:50 - 12:15
Prof. Dr. Chander Kumar Singh, TERI University, New Delhi	Abishek Rawat MSc., Linzhi Lang BSc., Dr. Wiebke Baille, Ruhr-Universität Bochum	
	Lunch	12:15 - 13:15
Parallel Session 2 – Socio-Economic Aspects of Water Quality Monitoring	Parallel Session 2 – Monitoring for Geotechnical and Geoenvironmental Applications	
The Importance of Socio-Economic and Socio-Technical Aspects for Successful Water Projects	Implementation of Unsaturated Soil Mechanics to Geotechnics - A Contribution to the Preservation of Historical Monuments	13:15 - 13:40
Dipl.-Kaufrau Jana Rüger, University of Leipzig	Prof. Dr. Tom Schanz, Ruhr-Universität Bochum	
Socio-Economic and Regulatory Barriers in WQ Monitoring/Installation in India	Sensors for Detection of Contaminants in Industrial Sludges	13:40 - 14:05
Saurav Kumar, Community Friendly Movement, New Delhi	Dr. Subramaniam Shanthakumar, VIT University, Vellore	
Improve Water Supply in Rural India - A NGO Perspective	Numerical Optimization Tools for Improvement of Monitoring Strategies	14:05 - 14:30
Prof. Dr. Amit Sengupta, TATA Memorial Cancer Center, IIT-D/AIIMS, Mumbai	Raoul Hölter, MSc., Dr. Arash A. Lavasan, Ruhr-Universität Bochum	
	Tea / coffee break	14:30 - 15:00
Parallel Session 3 – Indo-German Technological Collaboration on Water Research	Parallel Session 3 – Perspectives for Indo-German Collaboration in Geomechanics	
Examples of Water Quality Research Programms in India	Experimental Techniques for Investigation of Coupled Thermo-Hydro-Mechanical Behavior in Geomechanics	15:00 - 15:25
Dr. Neelima Alam, Department of Science and Technology, New Delhi	Thorsten Wille, APS Antriebs-, Prüf- und Steuertechnik GmbH, Rosdorf	
A Strategic Approach to Commercial Viability for German Water Technology in India	Moisture Sensors for Deep Geological Repository	15:25 - 15:50
Jose Jacob Kalayil, Integro, Bangalore	Dr. D. A. Arnepalli, IIT Madras	
Exporting Genetically Modified Organisms from Germany to India - Legal Implications		15:50 - 16:15
Dr. Joachim Bendiek, The Federal Office of Consumer Protection and Food Safety (BVL), Berlin	Visit of the Laboratory of Foundation Engineering, Soil and Rock Mechanics	16:30

Workshop Dinner at Restaurant Post's Lottental, Grimbergstr. 52, Bochum ca. 18:00



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