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2nd International Conference and Expo on

Water Microbiology & Novel Technologies

(10 Plenary Forums 3 days 1 Event)
August 28-30, 2017 Philadelphia, Pennsylvania, USA

Day 1 : August 28, 2017	
9.30-10-00	Registrations
10.00-10.40	Opening Ceremony
	Keynote Forum
10.40-11.40	Microbial growth and biofilm formation in the capillary fringe above the groundwater table Josef Winter, Karlsruhe Institute of Technology ,Germany
Coffee Break11.40-12.00	
12.00-12.40	Antibiotic Resistance in Urban Environmental Waters Karina Gin, National University of Singapore, Singapore
Lunch Break 12.40-13.40	
	Sessions 1: Drinking Water Microbiology and Waste Water Treatment, |Water Borne Disease, Water Safety **Session Chair: Claudia Gallert, University of Applied Science Emden Leer, Germany**
13.40-14.10	The drinking water treatment process as a potential source of affecting the bacterial antibiotic resistance Xiaohui Bai, Shanghai Jiao Tong University ,China
14.10-14.40	Kinetically regulated utilization and detoxification of acrylate is a key mechanism for marine bacterial DMSP metabolism Yu-Zhong Zhang, Shandong University, China
14.40-15.10	Safety in Water Reuse – Semi-quantitative risk assessment approach for non-potable uses Anabela Rebelo, Portuguese Environment Agency, Portugal
15.10-15.40	Environmental distribution, sources, fate, effects and importance of microplastics in the marine environment Auta, H.S, Federal University of Technology, Malaysia
15.40-16.10	Sulfur cycle-based bioprocess for co-treatment of wet flue gas desulfurization wastes with fresh sewage Jin Qian, North-western Polytechnical University, China
16.10-16.40	Confirming Drinking Water Quality and Improving Distribution System Monitoring: Appraisal of an Enhanced Portable Instrument for Scale and Bio-Film Forming Analytes Keith McElroy , Ecolyse, USA
Coffee Break 16.40-17.00	
Video 17.00-18.00	
V 01	Microbiological assessment of drinking water quality of Delhi, India Abhishek Chauhan, Amity University, India
V 02	Detection of Enteric Viruses and Index Indicators for Evaluating Sachet Water Quality Oluwakayode Temitope, Obafemi Awolowo University, Nigeria
V 03	Microbiological examination of fish pond biofilms and fish pond water from selected fish ponds, okigwe, imo state, Nigeria. Vince Chukwu, Federal University, Nigeria
	Day 2 : August 29, 2017

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10.00-11.00	**Keynote Forum**
	Multiresistant bacteria in aqueous environment
	Claudia Gallert, University of Applied Science Emden Leer, Germany
Coffee Break 11.00-11.20	
Session 2: Water Technology and Its Applications Biofilms in Drinking Water |Water Infectious diseases **Sessions Chair: Josef Winter, Karlsruhe Institute of Technology ,Germany**	
Workshop	
11.20-12.20	Monitoring and modelling pathogens in recreational waters Karina Gin, National University of Singapore, Singapore
Lunch Break 12.20-13.20	
13.20-14.50	Peristalsis of water based nanofluids with variable thermal conductivity and viscosity Fahad Munir Abbasi, COMSATS Institute of Information Technology, Pakistan
14.50-14.20	Multi Drug resistance profiles of Enterobacteriaceae responsible of urinary tract infection in Cameroon from 2010 to 2015. Saad Sattar, Nusrat Jahan College, Pakistan
14.20-14.50	Evaluation of household level constructed wetland model for domestic wastewater treatment Mahwish Ali, Quaid-i-Azam University, Pakistan
14.50-15.10	Drinking water improvements Raafat Abdeldayem, Mansoura University, Egypt
Coffee Break 15.10-16.30	
16.30-17.00	**Poster Presentations**
P01	**Occurrence of Verotoxigenic Escherichia Coli in Irrigation Waters and Its Public Health Implications** Esraa A. El-Shafiee, Cairo University, Egypt
P02	**Degradation of Odorous Compounds formed from Cyanobacteria Using Atmospheric Pressure Plasma** Y. S. Mok, Jeju National University, Korea
EP03	**Production of antimicrobial agents by marine Bacillus subtilis: Application of Plackett-Burman and Box Behnken experimental designs** Sahar Wefky Mostafa Hassan ,National Institute of Oceanography and Fisheries, Egypt
EP04	**Analytic study of emergency departments' water from general hospitals of Syrian Coast** Rim M. Harfouch, Al Andalus University College of Pharmacy, Syria
P05	**Antagonistic interactions and phylogenetic diversity of antimicrobial agents producing marine bacteria in Suez Bay**

	Sahar Wefky Mostafa Hassan ,National Institute of Oceanography and Fisheries, Egypt
P06	**Flocculation Of Rubber Factory Waste Water With Calcium And Polyelectrolytes,**
	Ndi Koungou Sylvere, University of Ngaoundere, Cameroon
	Panel Discussion
	Awards & Closing Ceremony
	Day 3 : August 30, 2017
	Extended Networking Session & Lunch
	Lunch Break 12:00-13:00