

13:20-15:00 Wednesday Oct. 31 2018

Contaminated Land and Remediation Technology III

Chairs: Michael Harbottle, Zhihong Zhang

Room: Xixi II

1. Hazardous Waste Dumped on the Spoils of an Old Coal Mine (Portugal) – Environmental Rehabilitation of the Site for Reuse

Antonio Jose Roque (Portugal), Vitor Monteiro*

2. Estimation of oil-contaminated soils' mechanical characteristics using electrical resistivity

Hanliang Bian, Songyu Liu (China), Ya Chu, Guojun Cai*

3. Application of Resistivity CPTU in Evaluating Contaminated Site in Shanghai

Cong Yan, Guojun Cai (China), Xuepeng Li, Min Chen, Songyu Liu, Xinrong Miao, Jun Lin, Hanliang Bian*

4. Broadband Complex Dielectric Characterization of Soils by Time Domain Reflectometry

Yin Jeh Ngui, Chih-Ping Lin (Taiwan China)*

5. Temporal ground penetrating radar (GPR) imaging of an oil release within a porous medium: a description of anomalous GPR characteristics during the degradation process and a contaminated area determination method

Shuai Shao, Xiujun Guo (China), Hao Ding*

6. Phytoremediation of Field Soil with Mixed Contamination

Krishna R. Reddy (USA), Reshma A. Chirakkara*

7. Phytoremediation of Light Non-Aqueous Phase Liquids

Sunday Oniosun, Michael Harbottle (UK), Snehasis Tripathy, Peter Cleall*

8. Physicochemical treatment of dredged clay slurry waste for land reclamation purpose

Rong-jun Zhang, Chao-qiang Dong, Jun-jie Zheng (China)*

9. The effects of temperature on hydraulic conductivity of remolded sewage sludge

Wei-an Lin (China), Pei Zhang, Liang-Tong Zhan, Kai-Xi An, Xin-jie Zhan*

10. Study on the Cleaning of Organic Pollutants by Micro-nanoBubbles in Sandy Soil Foundation

Ying Liu (China), Han Ke, Bate Bate, Xiaowu Wen*

11. Effect of Na⁺ on removal behaviors of heavy metals from contaminated silty soils flushed by EDTA

Yan Wang (China), Jiadong Wen, Keke Li, Yiting Jin*