

SESSION 31

Chlorinated solvents remediation

THURSDAY 19 SEPTEMBER

17:00 – 19:00 CEST (Central European Summer Time)

White Room
1^o floor

17:00 Welcome from *Nicola Harries (CL:AIRE)*, *Jörg Frauenstein (Umweltbundesamt)*, *Iason Verginelli (Tor Vergata University)*

Presentations

17:05 Enhancing Reductive Dechlorination of Trichloroethylene in Bioelectrochemical Systems with Conductive Materials
Suhao Chen, Zhengtao Li, Heping Zhao (Zhejiang University)

17:20 Combined strategies for trichloroethylene-contaminated groundwater: Biological Reductive Dechlorination coupled with adsorption on biochar and supported by alternative materials from organic wastes
Micaela Abruzzese, Laura Lorini, Marco Petrangeli Papini (Sapienza University of Rome), Bruna Matturro (IRSA-CNR)

17:35 Spider chart for chlorinated solvents remediation performance assessment
Antonio Molinari, Luca Sacilotto, Mauro Fortugno, Roberta Sauro Graziano (Ramboll)

17:50 Mass of chlorobenzenes removed in in situ thermal remediation
Isabela Lima, Edson Arakaki, Jonas Oliveira, Aline Setti (Worley)

18:05 Sustainable Remediation of Chlorinated Solvent Plumes: A Hydrogeophysical–Chemical Approach
Giulia Felli, Paolo Ciampi, Carlo Esposito, Marco Petrangeli Papini (Sapienza University of Rome), Christian Nielsen, Laura Ledda (TAUW)

18:20 Assessing the Genetic Potential for Long-term Bioremediation in East Palestine, Ohio
Dora Taggart, Sam Rosolina (Microbial Insights), Frank Loeffler, Gao Chen (University of Tennessee)

18:35 Panel discussion moderated by chairs

19:00 End of the session

Register yourself in the Google form <https://forms.gle/oeogN4KvyPDBUoyZ9>

