



# FINAL CONFERENCE 2018

## CONFERENCE PROGRAMME

### 2 – 2,30 pm Institutional greetings

Massimo Zacchini, *TECO Project manager, CNR - Institute of Agro-environmental and Forest Biology (IBAF), Italy*

Paras Pujari, *TECO Project officer, CSIR - National Environmental Engineering Research Institute (NEERI), India*

Massimo Spadoni, *Scientific attaché, Embassy of Italy in New Delhi*

Silvia Paparella, *RemTech Expo Project manager, Italy*

Ana Payá Pérez, *Joint Research Centre, European Commission*

Carlo Calfapietra, *Acting Director CNR - Institute of Agro-environmental and Forest Biology (IBAF), Italy*

### 2,30 – 4,00 pm TECO session

Laura Passatore, *CNR - Institute of Agro-environmental and Forest Biology (IBAF), Italy*

**Summing-up 4 years of TECO activity**

Giancarlo Cammerini, *Filmmaker, Italy*

**Summing-up 4 years of TECO activity...on video!**

Gordana Medunić, *University of Zagreb, Dept. of Geology, Croatia*

**Decontamination of SHOS Raša coal and soil polluted by Raša coal using bacterial biomass: a case study of coal and soil from the Labin city area (North Adriatic, Croatia)**

Patrizio Arrigo, *CNR - Institute for Macromolecular Studies (ISMAC), Italy*

**Comparative analysis of nucleic acid biosensors for phthalate monitoring**

Anca Macovei, *University of Pavia, Dept. of Biology and Biotechnology "L. Spallanzani", Italy*

**Enhancing seed germination on contaminated soils using simple priming techniques**

Inka Vanwonterghem, *Ghent University, Center for Microbial Ecology and Technology, Belgium*

**Combined wetland and electrochemical treatment of septic tank effluent to improve sanitation at community toilets in India**

Francesca Trapasso, *CNR - Institute of Environmental Geology and Geoengineering (IGAG), Italy*

**Integrated multidisciplinary approach for improving mining polluted soils and reusing waste as resource**

Abhishek Dutta, *KU Leuven University, Belgium*

**Development of an integrated solar-assisted Membrane Distillation system to improve the Waste Resource Recovery in East Kolkata Wetlands**

### 4,00 – 4,30 pm Coffee break

### 4,30 – 6,00 pm EU-India collaboration session

Barbara Casentini, *CNR - Water Research Institute (IRSA), Italy*

**Environmental risk connected to the management of arsenic-rich waste generated from drinking water treatment**

Paola Grenni, *CNR - Water Research Institute (IRSA), Italy*

**Role of the natural microbial community in degrading organic contaminants in the rhizosphere: some examples**

Prashant Adsul, *Tesla Innovations Pvt. Ltd., India*

**Indian opportunities and challenges in the environmental issues and market**

Fulvia Chiampo, *Polytechnic of Turin, Dept. of Applied Science and Technology, Italy*

**GEMS - Geophysical methods to monitor soil bioremediation. First results of the bilateral cooperation between POLITO (IT) and CSIR-NEERI (IN)**

Merlyn Thandu, *University of Udine, Italy*

**Smart photoactive-functionalized materials for self-disinfecting surfaces and water disinfection**

Shalini Dhyani, *CSIR - National Environmental Engineering Research Institute (NEERI), India*

**Nature based solutions to restore mine spoils in India: a case of Zn mines**

### 6,00 – 6,20 pm Concluding remarks

**RemTech EXPO**  
Ferrara - September 20<sup>th</sup> 2018

