



# SOCIETA' ITALIANA DI CHIMICA AGRARIA



Comune di Lodi



Provincia di Lodi.



UE 6<sup>th</sup> FP of Research



Università degli Studi di Milano



Università degli Studi di Napoli Federico II

## SUMMER SCHOOL (Bio)monitoring and (Bio)remediation of Contaminated Soils

PARCO TECNOLOGICO PADANO DI LODI  
JUNE 24-27, 2007

### PROGRAM

#### SUNDAY June 24, 2007

Starting from 13<sup>00</sup>: arrival and registration of participants

Lodi Hotel, via Achille Grandi, 7 – 26900 LODI (Lo)

Tel +39 0371 35678;

[info@lodihotel.it](mailto:info@lodihotel.it); [www.lodihotel.it](http://www.lodihotel.it)

#### MONDAY June 25, 2007

Parco Tecnologico Padano

Via Einstein - Località Cascina Codazza

26900 Lodi – Italy

Tel. +39 0371 4662200 - 46621

Fax +39 0371 4662217

[ptplodi@tecnoparco.org](mailto:ptplodi@tecnoparco.org); [www.tecnoparco.org](http://www.tecnoparco.org)

8<sup>45</sup> - 9<sup>00</sup>

**The SICA Summer Schools**

ZENO VARANINI, Università degli Studi di Verona, Italy

President of SICA

9<sup>00</sup> - 9<sup>15</sup>

**Authority's welcome to the participants**

9<sup>15</sup> - 9<sup>30</sup>

**Introduction at the School: aims, contents and perspectives**

LILIANA GIANFREDA, Università di Napoli Federico II, Italy

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**9<sup>30</sup>-10<sup>30</sup>**

**Contaminated sites in Europe: nature, kind of contamination, distribution, rehabilitation and land use destination according to Italian and European legislations"**

FRANCESCA QUERCIA, Agency for Environmental Protection and Technical Services (APAT), Italy

**10<sup>30</sup>-11<sup>00</sup>**

COFFEE BREAK

**11<sup>00</sup> - 12<sup>00</sup>**

**Heavy metal speciation and bioavailability to monitor contaminated soils**

PAOLA ADAMO, Università di Napoli Federico II, Italy

**12<sup>00</sup> - 13<sup>00</sup>**

**Full chain approaches to risk assessment in Europe**

FREDERIC Y. BOIS, Delegeue scientifique de la Direction des Risques Chroniques Scientific Officer - DRC France

**13<sup>00</sup> - 14<sup>30</sup>**

LUNCH

**14<sup>30</sup> -15<sup>30</sup>**

**Biocummulation factor: limits in phytoremediation**

FANJIE ZHAO, Rothamsted Research, UK

**15<sup>30</sup>-16<sup>30</sup>**

**Mycoremediation of organic and inorganic pollutants in soils**

SILVIA PEROTTO, Università di Torino, Italy

**16<sup>30</sup> - 17<sup>00</sup>**

COFFEE BREAK

**17<sup>00</sup> - 18<sup>00</sup>**

**Rhizoremediation and phytodegradation of soil organic pollutants**

JEAN-PAUL SCHWITZGUEBEL, Laboratory for Environmental Biotechnology, École Polytechnique Fédérale de Lausanne, CH



**TUESDAY June 26, 2007**

**Parco Tecnologico Padano**

**Via Einstein - Località Cascina Codazza**

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**9<sup>00</sup> – 10<sup>00</sup>**

**Biogeochemical and hydraulic controls of organic contaminant fate in soils"**

KAI TOSCHE, University of Jena, Germany

**10<sup>00</sup> – 11<sup>00</sup>**

**Molecular tool to monitor microbial communities in polluted environment**

DANIELE DAFFONCHIO, Università di Milano, Italy

**11<sup>00</sup> - 11<sup>30</sup>**

COFFEE BREAK

**11<sup>30</sup>-12<sup>30</sup>**

**Risk assessment and remediation of contaminate sites in UK: case studies"**

GRAEME PATON, University of Aberdeen, UK

**12<sup>30</sup>-14<sup>30</sup>**

LUNCH

**14<sup>30</sup> – 15<sup>30</sup>**

**Techniques for the ex situ bioremediation of contaminated sites**

NICOLAS KALOGERAKIS, Technical University of Crete (TU-Crete)

**15<sup>30</sup> - 16<sup>30</sup>**

**In situ bioremediation of groundwater contaminated by chlorinated solvents:  
present status of application and trends**

FEDERICO AULENTA, Università La Sapienza, Roma, Italy

**16<sup>30</sup> - 17<sup>30</sup>**

**Sediments contaminated by chlorinated compounds and native microbial  
processes associated to their remediation.**

GIULIO ZANAROLI, Università di Bologna, Bologna, Italy



**WEDNESDAY June 27, 2007**

**Parco Tecnologico Padano**

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**8<sup>30</sup> - 9<sup>30</sup>**

**How to deal with the risk assessment? the copper case study in the Loira basin**

PHILIPPE CIFFROY, Electricity de France, France

**9<sup>30</sup> - 10<sup>30</sup>**

**DNA-Microarrays for organic contaminants risk assessment and remediation**

PAOLO BOCCAZZI, Massachusetts Institute of Technology, USA

**10<sup>30</sup> - 11<sup>30</sup>**

**Plant genomic for contaminated soil monitoring and clean-up**

FRANCESCO SALAMINI, Parco Tecnologico Padano- Lodi- Italy

**11<sup>30</sup>-12<sup>00</sup>**

**Conclusive remarks**

**12<sup>30</sup> – 13<sup>30</sup>**

**LUNCH**

**14<sup>00</sup> – 18<sup>00</sup>**

**Visit to an ex-industrial site undergoing bioremediation**

PIER LUIGI GENEVINI – Università di Milano, Italy

**ORGANIZER COMMITTEE**

**PROF. LILIANA GIANFREDA – UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II**

**PROF. ETTORE CAPRI – UNIVERSITÀ CATTOLICA DEL SACRO CUORE – PIACENZA**

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