



AGENDA

28-29.05.2014

POLITEHNICA UNIVERSITY TIMISOARA, FACULTY OF MECHANICAL ENGINEERING

ENVIROBANAT CLOSING CONFERENCE

Sustainable development of a research center in Banat region and Danube flow area through scientific research and environmental simulation tools to assess and evaluate potential threats

www.envirobanat.ro

28th May 2014

Faculty of Mechanical Engineering, Hall 150, Bv. Mihai Viteazu no.1

11³⁰ - 12³⁰

Participant registration - *Hall 150*

12³⁰ - 13²⁰

Assoc.prof.dr. Eugen Ghita - Conference opening & Welcome speech
Prof.dr. Milan Pavlovic - The importance and realization of the project „SUSTAINABLE DEVELOPMENT OF AN RESEARCH CENTER IN BANAT AND DANUBE FLOW AREA TROUGH SCIENTIFICE RESEARCH AND ENVIRONMENTAL SIMULATION TOOLS ACCESS AND EVALUATION THREATS”
Assoc.Prof.dr. Francisc Popescu - ENVIROBANAT. Common history, common future!

13³⁰ - 15⁰⁰

Lunch break at Casa Politehnicii 2

15⁰⁰ - 16⁰⁰

Doc.dr Bogdana Vujic - Surface water monitoring in Banat region, Republic of Serbia
Prof. emeritus Mirjana Vojinovic Miloradov, Contamination of surface water by Emerging substances
Assoc.prof.dr. Francisc Popescu - Air Quality in Banat area. Comparative results of measurements collected from national AQM networks. Presentation of optical particle counter possibilities for aerosol/dust monitoring.
MSc. Marko Simic - Air pollutants from urban traffic in Zrenjanin. Modelling with PHOENICS

16⁰⁰ - 16³⁰

Coffee break

16³⁰ - 17⁴⁰

MSc. Aleksandar Djuric - Modeling of air pollutions from urban traffic in Zrenjanin using ADMS ROADS air dispersion program
Assoc.prof.dr. Francisc Popescu - CERC-ADMS air dispersion software's. Possibilities and case studies for Banat area.
Assoc.prof.dr. Dorin Lelea - Computational Fluid Dynamics for Air and Water Dispersion Phenomena.
Assist.prof.dr. Adrian-Eugen Cioabla - Biogas. Future perspective in greenhouse gases emission reduction

17⁴⁰ - 18⁰⁰

Coffee break

19⁰⁰

Dinner & Social/Friendship hours at “Curtea Berarilor”



29th May 2014

Faculty of Mechanical Engineering, Lab. 175, Bv. Mihai Viteazu no.1

- 09⁰⁰ - 10⁰⁰ Participant registration - *Lab 175*
- 10⁰⁰ - 11³⁰ **Roundtable - UV/VIS SPECTROPHOTOMETRY. Principles and applications.**
(Moderated by Francisc Popescu)
- 12⁰⁰ - 13³⁰ Lunch break at Hotel Check Inn
- 14⁰⁰ - 15⁰⁰ **Roundtable - OPC/Optical Particle Counter. Principles and applications.**
(Moderated by Francisc Popescu)
- 15⁰⁰ - 15¹⁵ Coffee brake
- 15¹⁵ - 17⁰⁰ **Social/Friendship hours** - city historical center visit
- 17⁰⁰ - 18⁰⁰ **Students scientific roundtable**
Alina Constantina Cruceru - Particle sizer. Operational principle and case study.
Marius Hoarca - The influence of anaerobic fermentation during degradation process for agricultural biomass
Dragan Todorovic - Air/Water heat exchanger test rig.
Wilson Augustin Popa - Future of solar panels.
Adrian Sanraian - Technical solutions for wind mill development.
Beatrice-loana Carebia - Bioethanol production from Paulownia tree.
- 18⁰⁰ Conference closing

For any questions please contact Francisc Popescu at ingfrancisc@gmx.net or office@envirobanat.ro