

1st Winter School – *A week-end on the Danube!*

***Renewable Energy Systems and Green Nanotechnologies
for a Clean Environment***

14-16 December 2012

Drobeta-Turnu Severin, Romania

Invited Lectures

Dionisios PANAGIOTARAS (*Technological Educational Institute of Patras, Greece*)
Environmental applications of clay-based nanocomposites.

Dragana ZIVKOVIC (*University of Belgrade, Serbia*)
Advanced ecological multicomponent metal systems and nanostructured materials.

Oana GINGU (*University of Craiova, Romania*)
Planets and Moons: the back-up natural resource for future materials.

Marius DUMITRU (*INFLPR, Romania*)
Silicon-based vs. new generation photovoltaics for solar energy conversion.

Ionel Danut SAVU (*University of Craiova, Romania*)
Joining technologies - to be or not to be polluting.

Giuseppe LAZZARA (*University of Palermo, Italy*)
Complex sugar technology for aquifer remediation.

Daniela PIAZZESE (*University of Palermo, Italy*)
Sorption and biosorption: a new strategy for decontamination processes.

Dan BULIK (*BERD Company*)
High performance spectrometry for environmental analysis and advanced material characterization.

Jiri KUCERIK (*University Koblenz-Landau, Germany*)
Humic substances - environmental and agricultural relevance.

Andrei ROTARU (*INFLPR, Romania*)
Thermokinetics of biomass and (bio)degradable wastes - the energy resources next to us.

Mihai DEMIAN (*University of Craiova, Romania*)
Hydroenergy on the Danube.

Visit at the Iron Gates I (Portile de Fier I) on Sunday the 16th of December in the afternoon.

Organizers



Sponsor



Chairmen: *Andrei Rotaru* (Romania) and *Giuseppe Lazzara* (Italy)

Scientific Committee: *Ion Ciupitu* (University of Craiova, Romania), *Constantin Cotiga* (University of Craiova, Romania), *Simona Coman* (University of Bucharest, Romania), *Maria Dinescu* (INFLPR, Romania), *Elena Gavrilesu* (University of Craiova, Romania), *Antonio Gianguzza* (University of Palermo, Italy), *Mihail Mangra* (University of Craiova, Romania), *Desimir Markovic* (University of Belgrade, Serbia), *Rodica Olar* (University of Bucharest, Romania), *Vasile Parvulescu* (University of Bucharest, Romania), *Petre Rotaru* (University of Craiova, Romania), *Cezar Spinu* (University of Craiova, Romania), *Zivan Zivkovic* (University of Belgrade, Serbia).

Organizing Committee: *Milan Antonijevic* (University of Belgrade, Serbia), *Mihaela Badea* (University of Bucharest, Romania), *Ljubisa Balanovic* (University of Belgrade, Serbia), *Gabriel Benga* (University of Craiova, Romania), *Catalin Constantinescu* (INFLPR, Romania), *Claudiu Dobrinescu* (ASUB, Romania), *Nicolae Dumitru* (University of Craiova, Romania), *Constantin Mihailciuc* (University of Bucharest, Romania), *Stefania Milioto* (University of Palermo, Italy), *Ion Morjan* (INFLPR, Romania), *Aurora Reiss* (University of Craiova, Romania), *Cristian Tigae* (University of Craiova, Romania), *Nicolae Tudorescu* (University of Craiova, Romania).

Local Organizing Committee: *Marius Criveanu*, *Olimpia Ghermec*, *Claudiu Nicolicescu*, *Sorin Savu*, *Gabriela Sima* (Drobeta-Turnu Severin), *Anca Moanta*, *Andreea Simionescu*, *Emilian Morintale* (Craiova), *Mihaela Mocanu*, *Diana Puiu* (Bucharest), *Marius Dumitru*, *Mihai Boni* (Magurele).

Registration costs

<i>Participant type</i>	Registration Options (including accommodation)*	
	Regular by 10th of December 2012	Late and On-site after 10th of December 2012
Student	170 RON (A1)	250 RON (A2)
Standard	250 RON (B1)	350 RON (B2)
<i>Participant type</i>	Registration Options (excluding accommodation)	
	Regular by 10th of December 2012	Late and On-site after 10th of December 2012
Student	80 RON (C1)	150 RON (C2)
Standard	100 RON (D1)	200 RON (D2)

The package includes:

- access to all invited lectures.
- all conference materials.
- 2 lunches, 4 coffee breaks, conference party.
- organized excursion to Orsova and Baile Herculane.
- visit at “Iron Gates I” Hydroplant (*only for those registering until the 3rd of December; the Hydroplant is a national strategic location and it is necessary to ask for permission in advance*).
- *2 nights accommodation in twin room at “Hotel Traian” in Drobeta-Turnu Severin. For “Student” type: in 2 star rooms and for “Standard” type: in 3 star rooms.

Payment method (in RON)

- Bank Name:** ING Bank N.V. Amsterdam - Sucursala Bucuresti
Bank Address: Sos. Kiseleff, nr. 11-13, Sector 1, P.O. Box 2-208, 011342, Bucuresti, Romania
IBAN Code: RO93INGB0000999902401151
Swift Code: INGBROBU
Name of Account: CEEC-TAC
Event Code: WSDTS
Payment Details: Please quote participant first name and family name, event code (WSDTS) and registration fee type (one of the following: A1, A2, B1, B2, C1, C2, D1, D2).
Example: Ion Popa, WSDTS, B2

The registration fees do not include VAT. CEEC-TAC is not a VAT payer

For more information or for paying directly, please ask:

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Giuseppe Lazzara (for Palermo, Italy): +393284279554

Ljubisa Balanovic (for Bor, Serbia): +38163412253

Important 1: the participation at the Winter School is **limited to 50 persons!**

Important 2: the confirmation of Attending (Firstname, Surname, Institution, Registration fee type) and payment of Registration costs (independently of the payment method) shall be sent immediately via e-mail to: andrei.rotaru@inflpr.ro

Important 3: registration of participants and check-in are on the 14th of December, between 14:00-21:00 at **Hotel Traian**, next to the Reception. Effectively, the **Winter School starts on Saturday the 15th at 9:30am** and finishes after the excursion on Sunday the 16th at 5:00pm.

Location

1st Winter School Location: WSDTS is organized between the 14th and 16th of December 2012 at the **IMST Department** of the University of Craiova, which is located in Drobeta-Trunu Severin, on the **Calugareni street, no. 1.**



Romania and its most important cities



There are direct trains from Bucharest and Timisoara to DTS.

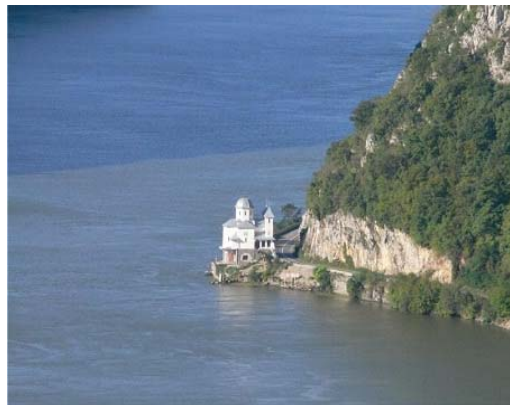
Drobeta-Turnu Severin, the modern Centre



The ruins of the ancient Roman Castrum and Emperor's Traian Bridge



Orsova and Abbeys on the Danube



Iron Gates I Hydroplant on the Danube



The Danube and the Iron Gates National Park



Baile Herculane (Herculane Thermal Baths) – functional since the Roman Empire and reconstructed during the Austro-Hungarian rule

