



A Unique Educational
& Career Opportunity
*Advances in Heat Transfer Enhancement
from basic to nano*

**Summer School on
Advances in Heat Transfer Enhancement: from basic to nano
3-rd Edition
September, 22-27, 2014
Iasi, Romania**

MONDAY, September, 22

09.30 - 10.00 Participants registration

10.00 - 10.30: *Opening Ceremony*

11.00 - 14.00: Lecture*

Non Destructive Techniques Applied to the Composite Materials: some considerations about heat transfer

associate professor Paulo Nobre Balbis DOS REIS, University Of Beira Interior, PORTUGAL

*12.45 - 13.00: coffee break

14.00 – 16.00

Lunch Break

16.00 – 18.45: Lecture*

Heating equipments: saving energy by heat transfer enhancement techniques

associate Professor Alina Adriana MINEA, Technical University “Gheorghe Asachi” from Iasi, ROMANIA

*17.30- 17.45: coffee break

19.00: Dinner



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TUESDAY, September, 23

10.30 - 13.00: Lecture*

Nano Coated Salts – Heat transfer characterization and technical applications

profesor Eden MAMUT, University OVIDIUS Constanta, ROMANIA

***11.30 - 11.45: coffee break**

13.00 – 16.00

Lunch Break

16.00 – 18.45: Lecture*

Expert systems for industrial heat transfer enhancement

profesor Petrică VIZUREANU, Technical University Gheorghe Asachi from Iasi, ROMANIA

***17.30- 17.45: coffee break**

19.00: Dinner

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WEDNESDAY, September, 24

10.00 - 14.00: Lecture*

Possibilities for Saving Energy in Ferrous Metallurgy: Integration of Technological Processes

associate professor Emil MIHAILOV, University of Chemical Technology and Metallurgy, BULGARIA

***12.00 - 12.15: coffee break**

14.00 – 16.00

Lunch Break

16.00: Free time: visit in Iasi city center

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THURSDAY, September, 25

10.00 - 12.45: Lecture

Convective Heat transfer enhancement by nanofluids

Professor Oronzio MANCA, Seconda Universita' degli Studi di Napoli, ITALY

12.45 - 13.00: coffee break

13.00 – 15.30: Lecture

Natural and Mixed Convection in Channels and Open Cavities: From Basic to Applications

Professor Sergio NARDINI, Seconda Universita' degli Studi di Napoli, ITALY

15.30 – 16.30

Lunch Break

16.30 – 19.00: Social program: visit in Iasi city

19.30: Gala dinner

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FRIDAY, September, 26

10.00 - 13.00: Lecture*

Chemical Reacting Packed Beds

Dipl.Ing. Christoph SPIJKER, University of Leoben, AUSTRIA

***11.45 - 12.00: coffee break**

13.00 – Closing Ceremony

NOTE: All activities will take place at Faculty of Materials Science and Engineering, Department of Technologies and Equipments for Materials Processing, First floor.

Summer School