



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
4-th Edition
June, 20-24, 2016
Iasi, Romania**

MONDAY, June, 20

09.00 - 10.00 Participants registration

10.00 - 11.00: *Opening Ceremony*

***11.00 - 11.15:** coffee break

11.15 - 14.00: Lecture

Chemical reacting packed beds - Mathematical modeling and applications
professor Harald RAUPENSTRAUCH, University Of Leoben, AUSTRIA

TUESDAY, June, 21

10.00 - 11.45: Lecture

Heat Transfer in Nanostructured Carbon Materials for Electrochemical Energy Conversion Systems
profesor Eden MAMUT, University OVIDIUS Constanta, ROMANIA

***11.45 - 12.00:** coffee break

12.00 - 14.00: Lecture

Finite Difference Method and Implementation for Investigation of Industrial Heat Transfer
professor Emil MIHAILOV, University of Chemical Technology and Metallurgy, BULGARIA



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WEDNESDAY, June, 22

10.00 - 11.45: Lecture

Fluid flow and heat transfer in rectangular micro-channels: theory and applications

professor Aristotel POPESCU, Technical University Gheorghe Asachi from Iasi, Faculty of Mechanics, **ROMANIA**

***11.45 - 12.00: coffee break**

12.00 - 14.00: Lecture

Hybrid nanofluids: a new opportunity in heat transfer enhancement

professor Alina Adriana MINEA, Technical University Gheorghe Asachi from Iasi, Faculty of Materials Science and Engineering, **ROMANIA**

THURSDAY, June, 23

10.00 - 11.45: Lecture

Thermodynamic Study of Double Skin Ventilated Facade

professor Cristian Nelu CHERECHEȘ, Technical University Gheorghe Asachi from Iasi, Faculty of Civil Engineering and Installations, **ROMANIA**

***11.45 - 12.00: coffee break**

12.00 – 14.00: Discussions on energy efficiency techniques in buildings: joint activity with MARUEEB Erasmus + project

FRIDAY, June, 24

10.00 - 11.45: Lecture

Comparative Analysis in Convective Heat Transfer Enhancement by Nanofluids

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

***11.45 - 12.00: coffee break**

12.00 – 13.00: Closing Ceremony. Certificate handling

NOTE: All activities will take place at the Faculty of Materials Science and Engineering, Room T2, Rectorate Hall, main floor.