






Time	Monday	Tuesday	Wednesday	Thursday	Friday
09 :00 – 09h45	Registration	Pecherski	Azari	Bahlouli	Rusinek
09 :45 – 10 :30	Lodygowski	Azari	Bahlouli	Rusinek	Rodriguez
11:00 – 11h45	Pecherski	Bahlouli	Rusinek	Rodriguez	Lodygowski
11 :45 – 12 :30	Azari	Rusinek	Rodriguez	Lodygowski	Pecherski
14 :30 – 15 :15	Bahlouli	Rodriguez	Lodygowski	Pecherski	Azari
15 :15 – 16 :00	Rusinek	Lodygowski	Pecherski	Azari	Bahlouli
16 :30 – 17 :15	Rodriguez	Discussion	Farm visit	Discussion	Discussion


 **Prof. A. Rusinek** from *LaBPS-ENIM* is working in the field of dynamic behavior of materials coupling experimental approaches and constitutive relation.

 **Prof. T. Lodygowski** from *Poznan University of Technology*, working on numerical simulations of materials and structures behavior (dynamics, biomechanics, blasts)

 **Prof. R.B. Pecherski** from the *Institute of Fundamental Technological Research of the Polish Academy of Sciences* is working on the modeling of inelastic behavior of materials.

 **Prof. Z. Azari** from *LaBPS-ENIM* is working in the field of Reliability-interaction including characterization, fatigue, damage, fracture of materials and structures.

 **Dr. N. Bahlouli** from *IMFS-CNRS-Strasbourg University* is working on characterization and modelling of dynamic thermomechanical behavior of polymers and composites including microstructure evolution.

 **Dr. J.A. Rodríguez** from *University Carlos III of Madrid* is working on modeling and numerical simulation of the high rate behaviour of metallic materials.

## SUMMER SCHOOL IN AGADIR

### Mechanical behavior of materials Plasticity and Constitutive relations

*Advanced School organized by:*

- Prof. A. Rusinek
- Prof. T. Lodygowski
- Prof. R.B. Pecherski
- Prof. Z. Azari
- Dr. N. Bahlouli
- Dr. J.A. Rodriguez



*In collaboration with:*

M. A. Bouslikhane & M. I. Majdouline, directors of *Isiam*  
Prof. P. Padilla, Director of *ENIM-ENI2M*

 **Agadir, June, 25-29, 2012**

## Objectives

The goal of the school is to provide an overview of mechanical behavior of inelastic materials. The basic knowledge and up to date information of a **unique approach based on four cornerstones: experiments, modeling, numerical simulations and verification** will be presented. Referring to the specific research interests of the participants a round table discussion will be organized at the end of each day.

## Themes

During the week several topics will be considered:

- Plasticity
- Constitutive relations
- Experimental methods
- Dynamic behavior of materials
- Numerical methods
- Fatigue, damage and failure

The lectures will be prepared for postgraduates PhD students and researchers.

The registration fee is fixed at **500 €**. The registration fee includes lectures, booklet with lectures, coffee break, lunch, bus transportation from hotel to University and one banquet.

A special fee of **400 €** is accorded to PhD students with a valid student card.

## Time table

**June 13, 2011:** Opening for registration

**January 31, 2012:** End of registration

**May 31, 2012:** Deadline for Hotel reservation

**July 9, 2012:** Opening of the lectures

## Travel and Accommodation

Hotel name	Price (€ taxes included)
Hotel Argana (B&B)	62€ (Double) 41 € (Single)
Apart Hotel (B&B)	20 €/Pax
Student room (B&B)	15 €/Pax

- **Apart Hotel and Student room belong to Universiapolis in Agadir**

Hotel name: .....

Single       Double

Arrival date: .....

Departure date: .....

- **The shuttle airport-hotel, hotel-airport is assured**

### *For information please contact:*

Habiba Ait Ougrame, Campus Universiapolis  
Technopôle d'Agadir, Bab Elmadina, BP 805, Agadir

Fax number: +212 5 28 21 00 05

Email: [habiba@e-polytechnique.ma](mailto:habiba@e-polytechnique.ma)

## Expression of interest

*Please type or print and send by Email / Mail*

Family name: .....

First name: .....

Title (Prof, Dr, Mr, Mrs, Ms): .....

Organization: .....

Address: .....

Post/Zip code: .....

Country: .....

Tel.: .....

Fax: .....

Email: .....

I am interested in attending the lectures

I am student

I am PhD student