

## Accommodation

If registration is completed by 15<sup>th</sup> March 2015, accommodation will be included in the registration fee.



### Other hotels

Hotel Ripagrande (★★★★) Via Ripagrande, 21

Hotel Orologio (★★★★) Via Darsena, 6

Hotel Europa (★★★) Corso Giovecca, 49

Hotel Touring (★★★) Viale Cavour, 11

## Conference Venue

IUSS – Ferrara 1391



## General Information

This PhD course is aimed at all young researchers working in the field of mechanical design and at those who are particularly interested in experimental mechanics and stress analysis. The Italian Association for Stress Analysis (AIAS), devoted to the promotion of knowledge in the area of experimental and numerical techniques for stress analysis, is organising and supporting this fourth event in Ferrara. The course is designed for PhD students, who will be awarded a certificate that is valid for accreditation (5 CFU), but it is also suitable for all young researchers interested in working in this area.

The registration fee includes accommodation at a pre-booked hotel for PhD students and young researchers registered before 15<sup>th</sup> March (half-board and accommodation in a single room in Cenacolo or half-board in a double room in Hotel or single room in Hotel). Additional logistic support will be provided according to the number of participants.

For registration and payment, please visit the Consorzio Futuro in Ricerca website:

[www.cieffeerre.it/summer-school-AIAS-2015](http://www.cieffeerre.it/summer-school-AIAS-2015)

**Registration fee** (by bank transfer or credit card)

Before	15/03/2015	230 euro + VAT 22%
After	15/03/2015	330 euro + VAT 22%

## Pre-registration before 31/01

Pre-registration is highly recommended: it will be very helpful for better organisation of the event. For pre-registration, please send an e-mail to [dottorato.aias@unife.it](mailto:dottorato.aias@unife.it) (specifying name, university and type of accommodation required). All pre-registered participants will receive a complementary gift.



Associazione Italiana  
per l'Analisi delle Sollecitazioni  
The Italian Association for Stress Analysis

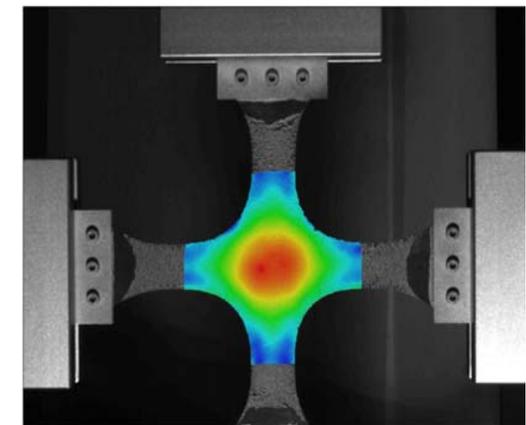


## PhD Summer School AIAS

Final program

### Advances Methods for Material Testing

Ferrara (Italy)  
22-25 June 2015



University of Ferrara



università di ferrara  
DA SEICENTO ANNI GUARDIAMO AVANTI.

## Scientific Committee

**Prof. D. Amodio** – Marche Polytechnic University  
**Prof. F. Arcidiacono** – University Marconi Roma  
**Prof. N. Bonora** – University of Cassino  
**Prof. L. Bruno** – University of Calabria  
**Prof. F. Cosmi** – University of Trieste  
**Prof. L. Feo** – University of Salerno  
**Prof. M. Frendo** – University of Pisa  
**Prof. G. Minak** – University of Bologna  
**Prof. B. Zuccarello** – University of Palermo

## Local Organising Committee

**Prof. P. Livieri** – Università di Ferrara  
**Ing. M. Rossi** – Università Politecnica delle Marche  
**Prof. R. Tovo** – Università di Ferrara  
**Prof. L. Vergani** – Politecnico di Milano

## Secretary

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## Web Site

<http://www.aiasnet.it/>

## Preliminary Programme

The lectures of the course will be in English.  
The aim of this Summer School is to provide advances in Material Testing.

Topics of the lectures:

	Monday 22/06	Tuesday 23/06
morning		<b>Ing. Federici FIAT</b> <i>Advanced testing in the automotive industry</i> <b>Mecaer Aviation Group SpA</b> <i>Advanced testing in the aeronautic industry</i>
afternoon	<b>Prof. Amodio</b> <i>General introduction</i> <b>Prof. Bruno</b> <i>Testing using non-contact techniques</i> <b>Prof. Broggiato</b> <i>speckle image correlation</i>	<b>Dr. Cortese</b> <i>Testing materials at complex and multiaxial loads</i>

	Wednesday 24/06	Thursday 25/06
morning	<b>Prof. Grédiac</b> <i>Identification from full-field measurements: the Virtual Fields Method</i>	<b>Dr. Sasso</b> <i>Lab session 1: DIC measurements</i> <b>Dr. Rossi</b> <i>Lab session 2: data post-elaboration</i>
afternoon	<b>Prof. Ruggiero</b> <i>Testing materials at high strain rates</i>	<i>Final and Ph.D. activity presentation</i>

## How to reach us

**By train:** IUSS – Ferrara 1391 is located in **Via delle Scienze, 41/B**. Buses no. 1 and 9 run from the railway station to the corner of Corso Giovecca/Via Terranuova. Walk straight past *Ariostea Library*, continue up the road and you will find the offices on your left.

IUSS is located in the historical centre of Ferrara. *Car circulation is restricted in the city centre.*

**By air:** The nearest airport is in Bologna. A shuttle bus service runs from Bologna Airport to Ferrara.



<http://iuss.unife.it/>

In collaboration with:

