

**Advances in Composite materials:  
Theory and Application**

AIAS Summer School

For Phd students and young researchers

Ferrara, June 16-19, 2014 – AIAS (The Italian Association for the Analysis of Stresses)

|                  | <i>Monday</i>   | <i>Tuesday</i>   | <i>Wednesday</i>                                 | <i>Thursday</i>                                   |
|------------------|---|--|--|---|
|                  | June 16, 2013   | June 17, 2014  | June 18, 2014                                    | June 19, 2014                                     |
|                  |   | 9:30-12:30   | 9:30-12:30                                       | 9:30-12:30  |
| <i>morning</i>   |   | <b>Prof. Quaresimin</b>  | <b>Prof. Prof. Bernasconi</b>                    | <b>Prof. Pirondi</b>                              |
|                  |   | <i>Damage-based methods for fatigue design in composite structures</i> | <i>Short Fibre Composites</i>                    | <i>Bonded joints design and failure modelling</i> |
|                  | 14:15<br><i>Registration, Presentation of course</i>                  | 12:30 – 13:30<br><i>lunch</i>  | 12:30 – 14:00<br><i>lunch</i>                    | 12:30 – 14:00<br><i>lunch</i>                     |
| <i>afternoon</i> |   |  |  |   |
|                  | 14:30-18:30   | 14:30-18:00  | 14:30-18:00                                      | 14:00-16:30                                       |
|                  | <b>Prof. Beghini and Ing. Mollica</b>                                 | <b>Ing. Luca Vescovi<br/>Ing. Fabio Grippa</b>                         | <b>Ing. C. Colombo</b>                           | <b>final test</b>                                 |
|                  | <i>Anisotropy of materials - basic concepts<br/>Lamination theory</i> | <i>Product development in automotive environment</i>                   | <i>Composit damage with Thermographic Camera</i> |   |

Conference Venue, IUSS – Ferrara 1391 - via delle Scienze, 41/B