

# Workshop

## Non Destructive Evaluation for Composites

15<sup>th</sup> June 2010, NetComposites Offices, Chesterfield, UK

### Aim of the Workshop

The aim of this workshop is to showcase new developments in non-destructive evaluation (NDE) technology for FRP composite materials, identify key advances, and highlight technology gaps that require further research investment. Opportunities for technology transfer between application sectors will also be explored.

The workshop will be of interest to those involved in NDE technology research, manufacturers, component designers and end-user clients.

A workshop report will be available to all attendees.



Image courtesy of Marine Results Ltd

### Programme

- |       |                                                                                                                                                  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:00 | <b>Registration and refreshments</b>                                                                                                             |
| 10:30 | <b>Welcome &amp; Introduction to NetComposites</b><br>Dr. Sue Halliwell, NetComposites Ltd                                                       |
| 10:40 | <b>NDT in Non-Metallic Materials</b><br>Richard Lee, ESR Technology                                                                              |
| 11:10 | <b>Manufacturing Quality Assessment through In-Process Inspection</b><br>Carwyn Ward, University of Bristol                                      |
| 11:40 | <b>Coffee and Networking</b>                                                                                                                     |
| 12:00 | <b>Long Range Ultrasonics for Assessing Wind Turbine Blades</b><br>Kena Makaya, TWI                                                              |
| 12:30 | <b>Using NDT to Support Composite Use in High Performance Yachts</b><br>Richard Freemantle, Wavelength NDT                                       |
| 13:00 | <b>Lunch</b>                                                                                                                                     |
| 13:45 | <b>Development of NDT &amp; E for Composites in Manufacturing and Assembly Stages</b><br>Nico Avdelidis, National Technical University of Athens |
| 14:15 | <b>Laser Shearography – NDE for Composites</b><br>Rob Wood, Dantec Dynamic                                                                       |
| 14:45 | <b>Developments of the Woodpecker Tap Tester</b><br>Paul Rogger, J R Technology Limited                                                          |
| 15:15 | <b>New HOIS Good Practice Guide on NDE of Composites</b><br>Richard Lee, ESR Technology                                                          |
| 15:45 | <b>Discussion</b>                                                                                                                                |
| 16:00 | <b>Close</b>                                                                                                                                     |



Image courtesy of Wavelength NDT Ltd

To register please download a form from [http://www.netcomposites.com/calendar\\_details.asp?950](http://www.netcomposites.com/calendar_details.asp?950). Delegate places are £110 ex VAT each.

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