



<http://www.simonet.org.uk>

## SIMoNET Structural Integrity Monitoring Network



### 21<sup>st</sup> SIMoNET Meeting, Final Programme

#### *SIM for Transport, Aerospace & Shipping*

9.30am – 4.00pm, 14<sup>th</sup> April 2010

UCL NDE Centre, Dept. of Mechanical Engineering, London WC1E 7JE



### **Final Programme: *Registration for the seminar is free***

Send an email to [Paul Fromme](mailto:p.fromme@ucl.ac.uk) (p.fromme@ucl.ac.uk)

Venue: UCL Malet Place Engineering Building 1.03 (Entry through Roberts Building)  
Torrington Place, London, WC1E 7JE

Time: 9:30-16:00

|       |   |  |
|-------|---|--|
| 9:30  | Registration and Coffee, Malet Place Engineering Building, Room Malet Place Eng 1.03      |  |
| 10:00 | Chairman Introduction   | Paul Fromme, UCL                               |
| 10:15 | In-Service Integrity Monitoring   | Paul Faulkner<br>Tangent Technologies          |
| 10:45 | Modern analytical tools for the NDE of composites in aerospace and other industries.      | Brian Allen<br>QinetiQ                         |
| 11:15 | Coffee  |  |
| 11:30 | SHM of offshore structures from measurements of global ambient motion                     | Andrew Hillis<br>University of Bath            |
| 12:00 | Acoustic Emission Testing (AET) Marine Applications                                       | Marcus Cridland<br>American Bureau of Shipping |
| 12:30 | Lunch   |  |
| 13:30 | Discussion Session  | John Sharp<br>Cranfield University             |
| 14:00 | Laser Shearography and Digital Image Correlation for Aerospace and Wind Energy Composites | Rob Wood<br>Dantec Dynamics                    |
| 14:30 | Monitoring concrete structures by CMS   | David Andrews<br>Cambridge Ultrasonics         |
| 15:00 | The ACFM Inspection Method for Underwater Inspection                                      | Martin Lugg<br>TSC Inspection Systems          |
| 15:30 | Questions   | Paul Fromme, UCL                               |
| 16:00 | End of Seminar  |  |



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**Please note the Venue is Malet Place Engineering Building (Entry through Roberts Building), off Torrington Place (square).**