



AMT'09

The 1st International Conference on Advanced Model Measurement Technology for EU Maritime Industry

1st – 2nd September 2009



The last decade has seen tremendous technological growth in the use of advanced measurement technologies for model and full-scale testing in the marine industry. In spite of the growth there has been no focused international event to discuss instruments, techniques and methodologies currently use or to preview innovative new concepts of the future. **AMT'09 is a 2 day conference with 38 technical presentations which represents an opportunity for industry and test facilities, for researchers and academics to learn more about Europe's experimental research capabilities for maritime constructions.** The conference also provides platform for networking between the participants and members of the FP6 – Hydro Testing Alliance Network of Excellence who are organizing AMT'09.

Conference Topics

PIV operation in hydrodynamic experimental facilities • Flow data analysis and visualization • 3-D wave field measurements • Podded propulsor dynamic forces • Wireless data transmission • High speed video • Intelligent materials and production methods • Wetted surface prediction methods • Free running model technologies • Advanced measurement techniques • benchmarking and validation. • New areas of hydrodynamic testing methods • Other model technologies.

The Venue

The AMT'09 conference will be held from Tuesday 1st to Wednesday 2nd September at Ecole Centrale de Nantes, France.

For further information please contact the Conference Secretariat AMT09@ncl.ac.uk or visit the conference website at: www.amt09.eu. Alternatively, contact the conference co-chairs: Prof Mehmet Atlar of Newcastle University (Tel: +44 191 222 8977) and/or Dr Jean-Paul Borleteau of SIREHNA (Tel: +33 2 51 86 02 93).