

1st DEMEGI/ INEGI Workshop on

Composite Materials

Date: Thursday, 17th November 2005

Location: Building L (Room L101), DEMEGI, FEUP, Porto, Portugal

Schedule:

Session 1 (14:00 - 15:15). Chair: Pedro Camanho

14:00 Manufacture of large composite components by Liquid Composite Moulding (LCM). *Nuno Correia (INEGI, Portugal)*

14:15 Failure of laminated composites. *Silvestre Pinho (FEUP, Portugal)*

14:30 Structural Instability Phenomena in Wind Turbine Blades. *Lars Overgaard (Aalborg University, Denmark)*

14:45 Fracture of Advanced Composite Materials: Experimental Basis for a Constitutive Model. *Cassilda Tavares (FEUP, Portugal)*

15:00 Continuous Damage Models for Advanced Composites. *Pere Maimí (University of Girona, Spain)*

15:15 Coffee break

Session 2 (15:30 - 16:30). Chair: Silvestre Pinho

15:30 Working with composites. *Celeste Pereira (INEGI, Portugal)*

15:45 Short fiber injection molding simulation. *Luísa Silva (CEMEF, France)*

16:00 Damage Tolerance of Tow-Placed, Variable-Stiffness Laminates. *Cláudio Lopes (FEUP/TU Delft, Portugal/ The Netherlands)*

16:15 Continuous Monitoring of Composite Materials. *Rui Oliveira (INEGI, Portugal)*

Session 3 (16:30 - 18:00). Chair: António Torres Marques

16:30 Discussion