

ESA/NAFEMS Seminar

PRELIMINARY PROGRAMME

6 December 2007

08.30	Registration
08.45	Welcome by ESA & NAFEMS
09.00	An Overview of the ASME PTC 60 / V&V 10 Guide for Verification and Validation in Computational Solid Mechanics <i>L. Schwer (Schwer Eng)</i>
09.45	Validation of Structural Finite Element Models at ESTEC: Recent Experiences and Future Developments <i>A. Calvi (ESA/ESTEC)</i>
10.10	CAE to CAD: Reverse Engineering within the Design Process <i>P. Bartholomew (NAFEMS CAD/CAE WG)</i>
10.35	Refreshment break
11.00	Integration of Design & Analysis for Composite Structures <i>A. Prior (SIMULIA)</i>
11.25	Semantic Web Technologies for the Management of Engineering Analysis Activities and Data <i>D. Leal (Caesar Systems)</i>
11.40	FE Fitness for Purpose Why? How? Who? <i>P. Hopkins (EADS Astrium UK)</i>
12.15	Challenges in Aircraft Structure Analysis <i>J.F. Imbert (Airbus)</i>
13.00	Lunch break
13.50	Ariane 5 Solid Propellant Booster Stages: Effects after their Impact on Sea <i>N. Couty (Principia), R. Bodagala (CNES)</i>
14.15	Substructuring Applications and Model Verification <i>R. Helfrich (INTES)</i>
14.40	Strategies for Design Analysis Reuse and Error Handling <i>C. McMahon (University of Bath)</i>
15.05	Robustness and Reliability in a Multi-Disciplinary Design Process <i>G. Van den Bergh (NOESIS)</i>
15.30	Closure of the Seminar & NAFEMS Annual General Meeting