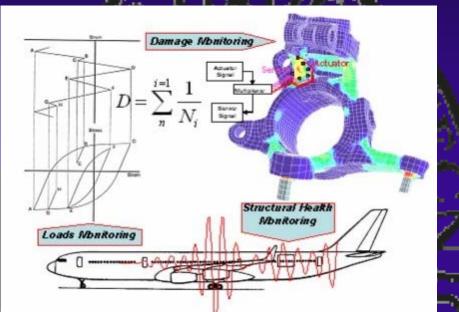


SHM in Action



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SHM in Action Overview



- Duration:2006-2009
- SSA Project
- Partners: UPM, Sheffield (UK), Siegen (Ge), IST(P), Patras (Gr), Risoe (Dk), IFFM (Po)
- Objetives:

- Preparation and providing of a 40 hours theoretical/practical course trough several european Universities, for the formation of SHM specialists.

- Creation of an SHM specialists network.

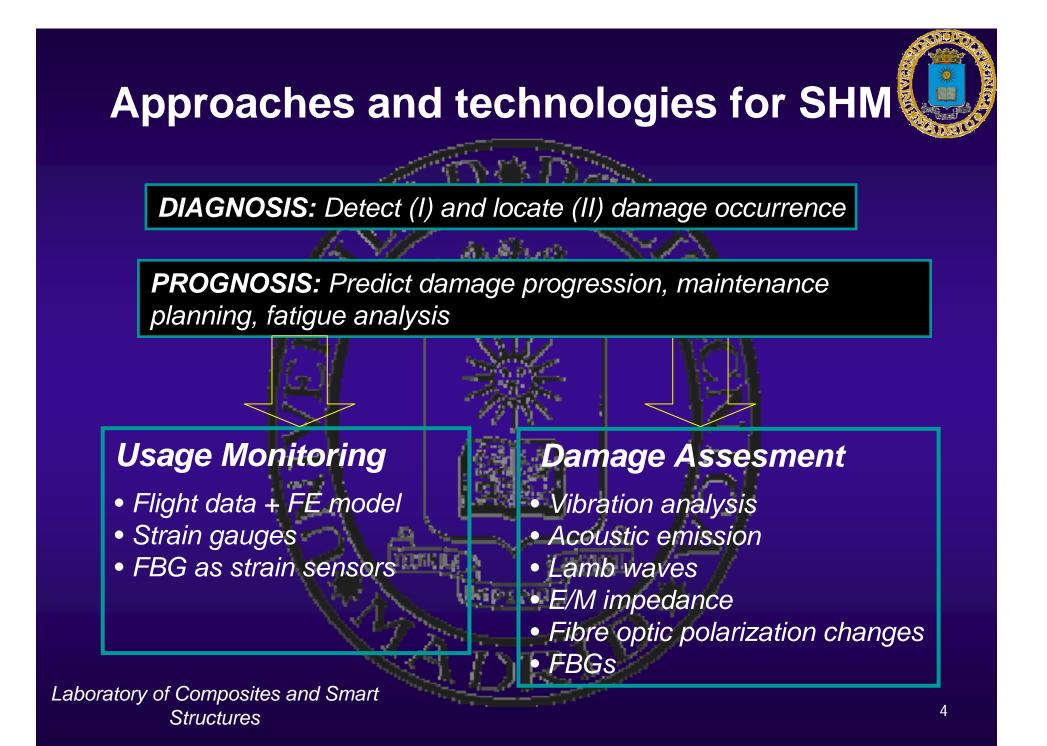
SHM in Action



First edition: 7-12 May 2007 (Madrid)

Basic technologies for crack detection:

- Perturbations in elastic waves propagation.
- Damage assessment by vibration tests.
- PZTs and Phased arrays.
- Fibre Optic Sensors.
- Signal analisis.



Dates



May 07 University Politécnica de Madrid (Dept • Aeronautics), Spain University of Siegen (Institute of Nov 07 Mechatronics), Germany University of Sheffield (Dept. of Apr 08 Mechanical Engineering), U. K. Polish Academy of Sciences (IFFM), July 08 Gdansk, Poland Nov 08 Instituto Superior Tecnico (IST), Lisbon, Portugal April 09 University of Patras (Lab. for Mechanical Systems), Greece **RISOE** National Laboratory, Denmark July 09