



Thematic Network on Safety and Reliability of Industrial Products, Systems and Structures

Safety and Reliability of Industrial Products, Systems and Structures Workshop

IST, Lisbon

May 13th, 2005

The SAFERELNET Thematic Network is concerned with providing safe and cost effective solutions to industrial products, systems, facilities and structures across different sectors. Several industries are faced with similar problems requiring solutions that are compatible with new work organisation, including the extended use of information technologies, and which are at the same time environmentally friendly. Furthermore, the safety and reliability aspects, which are critical to efficiency and cost, need to be ensured not only in the design and manufacture phase but also during the operational and ageing phase of the products and facilities.

The SAFERELNET Thematic Network is funded by the GROWTH programme of the Commission of the European Communities. The network is co-ordinated by Instituto Superior Técnico and involves 74 organisations, from 19 countries with a combination of 37 industrial partners, 23 Universities and 14 Research Organisations.

The scope of the project is the integrated treatment of the important aspects of design, production, operation of industrial products and systems. The main emphasis is on the use of reliability based methods for the optimal design of products, production facilities, industrial systems and structures from the point of view of balancing the economic aspects associated with providing predefined safety levels, with the associated costs of maintenance and availability.

The Network aims at improving the coherence of the approaches adopted by the different industries to deal with the above-mentioned problems, in particular as concerns RTD and demonstration activities. It will also assess the importance and maturity of the technologies being developed and will contribute to the technology transfers among the sectors.

The Workshop aims at presenting an overview of the current thinking and methods advocated by the Network as concerns Industrial Safety, the Treatment of Human Factors and the planning of Production Availability, related with Maintenance.

Programme

14:30 - 14:45	<i>Objectives and Achievements of SAFERELNET, C. Guedes Soares, IST</i>
14:45 - 15:30	<i>Application of Safety and Reliability Across Industries, B. Commandeur, Atkins</i>
15:30 - 16:00	Coffee Break
16:00 - 16:45	<i>Accounting for Humans Factors in Safety Assessments, H.B. Andersen, RISØ</i>
16:45 - 17:30	<i>Production Availability: Reliability Methods & Models for Assessment, J-P. Signoret, TOTAL</i>

Registration

There is no participation charge, but you are required to register with the Secretariat (fatima@mar.ist.utl.pt) in order to attend. For further information regarding location of the Workshop and accommodation facilities please contact the Secretariat.

Venue

Workshop will be held in the Congress Centre, Instituto Superior Técnico in Lisbon.



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