



Technical Workshop New challenges in Structural Safety in the context of the EU2020 Strategy & EU Grand Challenges

May 31, 2010 - 9:30 - 16:00

Venue: ESTP (Ecole Supérieure des Travaux Publics)
28, avenue du President Wilson - 94230 Cachan
(South of Paris - Direct access from Paris Airports with RER B, stop ARCEUIL-CACHAN)

Background:

ETPIS High Level Group has identified as a TOP Priority for the industry:

Methods to maintain safety of aged and repaired structures and provide technologies for life extension & Reliability based design and structural health monitoring (SHM) and risk based inspection technologies

Objectives of the workshop:

- share information on current challenges involving structural safety knowledge, in particular aging of industrial installations and infrastructures
- define the content of possible projects and initiatives
- identify leaders for new projects and new initiatives
- structure the project ideas and initiatives in an ambitious programme

Organized with
the support of:



DRAFT Agenda

(ver. 03 – May 21, 2010)

Organized by:



09:30 – 10:00	Registration
10:00 – 10:10	Welcome Introduction related to the "New challenges in Structural Safety in the context of the EU2020 Strategy and EU Grand Challenges", Olivier Salvi, ETPIS Secretary General
10:10 – 10:30	Aging and repair installations: example of the French National Plan to improve industrial facilities, Gaëtan Prod'homme, INERIS see http://www.developpement-durable.gouv.fr/Plan-de-modernisation-des.html
10:30 – 11:00	38 Measures against aging of industrial facilities: is it the right answer? Aleksandar Jovanovic, Steinbeis R-Tech
11:00 – 11:15	Break
11:15 – 11:30	Main issues identified by the Working Group GT3S of IMDR, André Lannoy (IMDR) and Anne Baros (UTT)



11:30 – 12:30	<p>Project "Structural Safety benchmark", André Lannoy (IMDR)</p> <ul style="list-style-type: none"> - main objectives and technical content - requirements for a successful project - preliminary ideas for funding - discussion
12:30 – 13:30	Lunch break (buffet)
13:30 – 14:30	<p>Presentation of project ideas and initiatives (10 min per presenter)</p> <p>BAM Integrated approach for improved performance, reliability and safety of aged, repaired and strengthened structures under accidental loads (Dr. Andreas Rogge)</p> <p>VCE Rapid Assessment of Life Cycle Status of the Constructed Infrastructure (Prof. Helmut Wenzel)</p> <p>ETD Component Replacement and Life Extension of Ageing Power Plants (Dr Ahmed Shibli) and Unified Failure Analysis Tool with Damage Mechanisms database for Inspection and Maintenance in power plant (Dr Sarinova Simandjuntak)</p> <p>IMdR Study of test cases in structural safety (André LANNROY and Anne Barros)</p>
14:30 – 14:45	Break
14:45 – 16:00	<p>Directions for the preparation of a programme (set of projects) Moderator: A. Jovanovic Panelists: A. Lannoy, T. Yalamas, H. Wenzel, A. Rogge, A. Shibli</p> <ul style="list-style-type: none"> - topics, priorities, timeframe - interested partners and leaders, in particular from industry - identification of funding schemes, in particular multi-client project
16:00	End of the meeting

Registration and participation fees

Please register before May 25th, 2010 (for logistic reasons)
 Participation fees to cover the costs related to the organization of the workshop will be collected.
 (to be confirmed by May 25th according to the number of participants)
 ETPIS or IMDR Member: 60 € / Other: 150 €

You can decide to join ETPIS and participate in the activities for 2010 (200 €) and benefit from the reduced participation fees.
 After your registration, you will receive an invoice from the organizers.