



INTERNATIONAL SYMPOSIUM ON STRUCTURAL HEALTH MONITORING AND NON-DESTRUCTIVE TESTING

Organization committee

WATSON team (Wave-based Analysis
Techniques for Structural On-line monitoring
and Non-destructive testing)

Laboratory of Vibration and Acoustics

INSA Lyon

25-bis, avenue Capelle,
bâtiment Saint Exupéry
69621 Villeurbanne, FRANCE
E-mail : lva@insa-lyon.fr

Registration, information and contact

<http://lva.insa-lyon.fr/symposium2013>
watson2013@listes.insa-lyon.fr

[C.L.T.] www.inhale.fr Crédits photos : © FOTOLIA

INTERNATIONAL SYMPOSIUM ON STRUCTURAL HEALTH MONITORING AND NON-DESTRUCTIVE TESTING

TOPICS

- Ultrasounds
- Acoustic
- X-rays
- Thermography
- Simulation
- Data handling
- Data fusion

FIELDS

Energy, Aerospace, Transport, ...



NDTUROLOR



INSA LYON, NOVEMBER 29, 2013

INTERNATIONAL SYMPOSIUM ON STRUCTURAL HEALTH MONITORING AND NON-DESTRUCTIVE TESTING

The aim of the Symposium is to provide an overview on the latest breakthroughs in Structural Health Monitoring (SHM) and Non-Destructive Testing (NDT) and their interactions with various industrial fields.

It is organized in a series of invited lectures given by internationally acknowledged experts/researchers in the field

This symposium will take place at INSA-Lyon, which is located close to the city center and can be easily reached by public transportation system.

Invited speakers

Leonid Gelman (Condition Monitoring)

Novel Signal Processing Techniques for Condition Monitoring
Chair in Vibro-Acoustic Monitoring
Department of Applied Mathematics and Computing
Cranfield University, UK

Tomasz Barszcz (SHM & Condition Monitoring)

Monitoring of wind turbines - bridging industry and research
President of EC Systems
AGH University of Science & Technology, Krakow, Poland

Gerd Dobmann (NDT)

On-line monitoring of material degradation due to fatigue by using sensor principles based on micromagnetic and ultrasonic NDT
Fraunhofer-IZFP, Saarbrücken, Germany

Hervé Trétout (NDT)

Dassault Aviation, France

Xavier Maldague (NDT by Infra-red thermography and vision)

Infrared Thermography for NonDestructive Testing: Potentials and Applications
Computer Vision and systems laboratory
Laval University, Quebec, Canada

Etienne Martin (NDT for nuclear industry)

NDT for nuclear industry : needs and trends for the future
EDF, Direction Production Ingénierie, CEIDRE, Saint Denis, France

Patrice Masson (SHM - acoustics)

Increasing the robustness in damage imaging
Acoustic group (GAUS)
Sherbrooke University , Québec, Canada

Frederic Cegla (NDE)

Manual UT vs permanently installed sensors
Mechanical Engineering Department, Imperial College of London, UK