SURVEILLANCE 7 – Call for papers
October 29-30, 2013
Institute of Technology of Chartres, France.

This 7th issue of the Surveillance Conference series follows the last to be held, Surveillance 6, in 2011.

Focused on the same scope, this conference is devoted to all topics related to acoustical and vibration methods development and applications for surveillance and diagnostics:

1. Machines

(Mechanical components, design,…)

2. Vibrations & Acoustics

(Linear and non linear modelling and identification, non stationary models,…)

3. Numerical Modelling

(Finite Elements Methods, models for diagnostics, model updating, cracks models,…)

4. Measurement and Testing Techniques

(Sensors and instrumentation, smart sensors, data acquisition and transfer, emerging technologies, smart structures,…)

5. Signal Processing, Model Identification

(Detection, estimation, time frequency techniques, higher order statistics, cyclostationarity, source separation,…)

6. Diagnosis Techniques

(Structural Health Monitoring, Non-Destructive Testing,…)

7. Surveillance Techniques

(Fuzzy, neural networks, genetic algorithms, data mining, new techniques,…)

8. Predictive Maintenance, Condition Monitoring and Prognosis

(Risk and reliability, statistics, probabilistic methods, Markov-chains,…)

9. Industrial Applications and Case Studies

(Gears, rolling element bearings, electric machines, internal combustion engines, turbines, wind mills,…)

Please visit the conference website at http://www.surveillance7.fr/ for all information on Surveillance 7 and paper submission.

==
The conference official language is English.

Important deadlines (Updated!)

   - Electronic submission of 1-page abstract: April 30, 2013
   - Notification of acceptance: June 1, 2013
   - Full-length paper electronic submission: October 1, 2013
   - Early registration: until August 31, 2013

==
General chair:

Philippe Ravier, University of Orléans, philippe.ravier@surveillance7.fr
Alain Kavenoky, President of Société Française des Mécaniciens (SFM), alain.kavenoky@surveillance7.fr

Scientific Committee chair:

Simon Braun, Israel Institute of Technology, simon.braun@surveillance7.fr
Jérôme Antoni, INSA de Lyon, France, jerome.antoni@surveillance7.fr