

CALL FOR

PAPERS



XVIIIth symposium

Vibrations, Chocs et Bruit

VISHNO (Vibrations, SHocks & NOise)

& ASTELAB

July 3, 4 and 5, 2012

Centre de recherche EDF
de Clamart

Aims – The conference Vibrations Shocks and Noise is supervised by the French Mechanical Society, AFM. It is a forum for scientists to explore, discuss, present recent developments in structural Dynamics. ASTE (Association pour le développement des Sciences et Techniques de l'Environnement) is co-organizer of this conference. Its aims are to promote the progress and diffusion of science, techniques, practices, processes, including modeling, measurement, simulation and stimulation of all mechanical and climatic agents.

Plenary session

Christophe PIERRE, Mc GILL
Gaëtan KERSCHEN, LTAS, ULG
Philippe PLANTIN DE HUGUES, BEA

Meet the challenge *

The University Challenge organized by
Bruel & Kjaer
The Images Awards organized by EDF

Associated journals

Mécanique & Industries
«Essais & Simulations» de l'ASTE

Papers are solicited on research results and engineering applications in the following areas :

Scientific and Technical domains

- Nonlinear dynamics
- Rotor dynamics
- Smart systems
- Fluid-structure interaction
- Vibroacoustics
- Jointed structures
- Fatigue design
- Shock, fast dynamic, detonics
- Mutibody systems
- Inverse Problems
- Modal analysis
- Mechatronics and embedded systems
- Testing devices and experimental analysis
- Survey and diagnostic

Application domains

- Energy Harvesting
- Non-linear Energy Sink

- Test tailoring
- Probabilistic mechanical and climatic design
- Dynamics of MEMS and NEMS
- Ground vehicles, road and rail transportation
- Electrical and hybrid vehicles
- Aeronautic engines and structures
- Launchers and space structures
- Weapon systems
- Environmental Engineering

Organising committee

J.-L. DION, G. CHEVALLIER, SUPMÉCA
B. COLOMIES, SOPEMEA
L. JEZEQUEL, ECL
L. BILLET, EDF

Scientific committee

J. ANTONY, INSA Lyon
P. ARGOU, LAMI Paris
R. ARRUDA, UNICAMP Brazil
E. AUBRY, ENSISA Mulhouse
E. BALMES, ENSAM Paris
G. BOYER ASTECH

D. CARUNTO, Univ. Texas
C. CLERC, VIBRATEC Lyon
M. COLLET, FEMTO Besançon
B. COLIN, NEXTER Systems-ASTE Paris
P. CUVELIER, ESTACA Paris
J.-F. DEU, CNAM Paris
R. DUFOUR, INSA Lyon
E. FOLTETE, LMAR Besançon
L. GAGLIARDINI, PSA Paris
L. GARIBALDI, POLITECHNICO Turin
H. GRZESKOWIAK HG Consultant-ASTE Paris
M. HADDAR, ENI Sfax
M. ICCHOU, EC Lyon
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J.-P. LOMBARD, SNECMA Paris
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B. PETITJEAN, EADS IW Paris
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J. PERRET LIAUDET, EC Lyon
C. PEZERAT, LAUM Le Mans
L. PIERRAT LJ Consulting-ASTE Grenoble
D. REMOND, INSA Lyon
J.-J. SINOUE, EC Lyon
C. SINSOU, BRUEL & KJAER Paris
V. STEFFEN Jr., UFU Brazil
F. THOUVEREZ, EC Lyon

Organisation Schedule

Abstract submission (2 pages) :

December 01, 2011

Notification of acceptance :

January 27, 2012

Full papers should be sent before :

April 27, 2012

Language: papers in English.

Oral presentations: French or English.

All participants will receive proceedings on a flash disk.

Contacts

J.-L. DION & G. CHEVALLIER / Supméca
B.COLOMIES & H. GRZESKOWIAK / ASTE

Registration Fees

Before June 1, 2012

Students : 300 €

Authors : 400 €

Others : 500 €

Fees are increased by € 100 for late registration.

Registration

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