

MECH2K2 incorporating

ICANOV3: Third International Symposium on ACOUSTICS, NOISE, and VIBRATIONS

July 3-6, 2002

Host: Mechatronik Institute, Johannes Kepler University, Linz, Austria

<http://eyrie.shef.ac.uk/mech2k2/>

Call for Papers

ICANOV3 (a joint meeting with MECH2K2) will be held on July 3,4,5,6, 2002 in Linz, Austria. Linz, Austria's third-largest city is located almost exactly between Vienna and Salzburg. In Linz you find that the elegant and superbly restored patrician houses in the large pedestrian zones are preserved together with the authentic feeling of the historic old town quarter.

Scope/Topics of Interest

The aim of this symposium is to bring together engineers and scientists who are concerned with modeling, analysis, measurement and control of sound and vibration. It is hoped that this conference will stimulate cross-fertilization of different disciplines involved in acoustics, noise and vibration aspects of systems and to promote the fundamentals as well as industrial applications.

Some topics of particular interest to guide prospective contributors are:

- * history of acoustics and vibration
- *time-frequency, wavelet analysis and signal processing
- *structural acoustics and noise
- *architectural acoustics and musical acoustics
- *inverse problems in acoustics and vibrations
- *environmental noise
- *active vibration and noise control
- *computational acoustics
- *modal analysis
- *underwater acoustics
- *building acoustics and vibration
- *vibroacoustics, aeroacoustics, and thermoacoustics
- *human response to sound and vibration
- *noise control elements
- *condition monitoring and diagnostics
- *propagation and scattering of sound
- *occupational noise exposure and control
- *hearing protectors
- *nonlinear vibrations and acoustics
- *power flow techniques
- *random vibrations
- *acoustic fatigue
- *measurement techniques in acoustics and vibration
- *speech perception
- *building acoustics

Other parallel symposia include:

Mechatronics, Non-smooth mechanics, Nonlinear mechanics

Keynote speakers

- K. Schlacher (Linz), "Control of Mechatronic Systems, a Geometric Approach"
M.G. Velarde (Madrid), "Nonlinear Waves and Solitons with Dissipations"
A. Morro (Genova), "Wave propagation in inhomogeneous materials"
G. Ostermeyer (Braunschweig) TBA
V. Tesar (Prague), "Fluidics - A Part of Mechatronics"
JR Tippetts (Sheffield), "Watts, Bits and Fluidics: The Search for Fluid Intelligence"
A. Kluwick (Vienna), "Dense Gas Acoustics"

International Program Committee

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Authors Deadlines

The deadline for submission of extended abstracts is January 20, 2002. Notification of acceptance/rejection will be sent by January 31, 2002. To ensure inclusion in the conference proceedings, the final 4-page single-spaced camera-ready paper must be received by March 1, 2002, and at least one author of each abstract should have registered and paid their appropriate fees.

Submission for refereed publication

Manuscripts should be limited to 1600 words or less. Email submissions are encouraged. One copy of abstract should be sent to: MECH2K2: Mrs. Martina Mayr
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