

IMPORTANT DEADLINES

Deadline for submission of extended abstracts ^{*)} (2 pages)	July 31, 2007
Authors notified of acceptance	October 30, 2007
Deadline for submission of full papers	February 15, 2008
Conference	June 30 – July 3, 2008

CONTACTS

Conference e-mail: fiv2008@it.cas.cz

Conference web site: <http://www.it.cas.cz/fiv2008>

Conference address:

FIV 2008
Institute of Thermomechanics ASCR
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Contact persons:

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*) Extended abstracts (2 pages including figures), please send as an attachment to the Conference e-mail address (fiv2008@it.cas.cz) in a *.pdf or *.doc format. The abstract can be written in a free style. It should contain the title of the paper, the authors' names and the full address of the corresponding author including his/her e-mail address.

Call for Papers



9th INTERNATIONAL CONFERENCE ON FLOW-INDUCED VIBRATIONS

30 JUNE – 3 JULY 2008,
PRAGUE, CZECH REPUBLIC

Flow-induced vibrations and noise continue to cause problems in a wide range of industries from Civil Engineering and Marine Structures to Power generation and Chemical Processing. This interdisciplinary meeting aims to bring together researchers working on the mechanisms responsible for vibrations with those in industry who are faced with either avoiding the problem through good design or finding solutions to specific problems. This series of FIV conferences began at Keswick, England in 1973, focusing on the needs of the nuclear industry. Subsequent conferences have evolved into major international events with a continually wider scope of papers in the field of fluid-structure interactions including biomechanics and musical instruments. The 7th International conference was held in Luzern, Switzerland in 2000. The last 8th International Conference on FLOW-INDUCED VIBRATIONS was in Paris, France at the Ecole Polytechnique, in 2004 with about 200 participants from all continents. Following this conference, it was decided by the scientific committee of this series that the next meeting will be held in Prague, in 2008.

Organized by
Institute of Thermomechanics
Academy of Sciences of the Czech Republic

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SCIENTIFIC AND TECHNICAL TOPICS

The conference will be focused on the theoretical, computational and experimental approaches of flow-induced vibrations including, but not limited to:

- **Advances in fluid-structure interaction theory**
- **Computational methods in flow-induced vibrations**
- **Fluid-structure interaction in biomechanics**
- **Active and passive control of flow-induced vibration**
- **Signal processing techniques used in flow-induced vibration studies**
- **Vibration of heat exchanger tube arrays to cross or axial flow**
- **Vibration of ship and offshore structures**
- **Thin-walled structures in flow**
- **Sloshing and flexible containers**
- **Vibration of underwater cables and risers**
- **Vibration resulting from cavitation and turbulence**
- **Wing and helicopter aeroelasticity**
- **Vibration of valves and piping systems**
- **Vibration of hydraulic gates and turbines**
- **Flow-induced vibration in two phase flows**
- **Wind-induced vibration of buildings and structures**
- **Vibration problems involving flow-acoustic coupling**
- **Flow-induced vibration in musical instruments and vibroacoustics**