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# **ASME International Symposium on Flow-Induced Vibrations and Noise**

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The Divisions of Applied Mechanics, Fluids Engineering, Heat Transfer, Noise Control & Acoustics, Nuclear Engineering and Pressure Vessels & Piping of the American Society of Mechanical Engineers are sponsoring a major joint Symposium on Flow-Induced Vibration and Noise at the 1992 ASME Winter Annual Meeting, to be held in Anaheim, California, USA, on 8–13 November 1992.

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Papers in the general areas of fluid–structure interactions, flow excitation and flow-induced vibrations and noise are invited – both fundamental papers, with no particular application, and papers related to or inspired by specific systems. Theoretical, experimental and computational papers are equally welcome.

Some specific headings to guide prospective contributors are: Flow-induced vibration of structural components (in heat exchangers, offshore applications, nuclear reactors, piping, etc); Global dynamics of submerged elastic/viscoelastic complex structures with internal components (canonical and non-canonical geometries); CFD techniques in FIV; Flow-induced acoustic phenomena and fluid–structure–acoustical interactions; Shear-flow interactions over compliant surfaces; bluff-body/near wake interactions; Nonlinear and chaotic, deterministic and stochastic aspects of FIV and noise; Turbulence-, vortex- and wave-induced vibrations; Polyspectral and wavelet methods in FSI; Flow-visualization studies; Fluidelastic instabilities of arrays; Annular and leakage flow instabilities. Interesting papers on other topics or related to other systems or configurations are equally welcome.

Interested authors are invited to submit a 200–400 words abstract, in triplicate, to

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## **Important dates:**

Abstract submission deadline:	6 December 1991
Notification of acceptance:	21 December 1991
Manuscript due:	24 February 1992
Notification of acceptance of papers:	22 May 1992
Papers on camera-ready mats due:	20 July 1992