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Fluid-Structure

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JOURNAL OF FLUIDS AND **STRUCTURES** 

Special Issue UNSTEADY SEPARATION IN FLUID-STRUCTURE INTERACTION-L

**Guest Editors** 

Marianna Braza (CNRS-IMFT, France)

and

**Kerry Hourigan (Monash University, Australia)** 

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## Aims and Scope

The Journal of Fluids and Structures serves as a focal point and a forum for the exchange of ideas, for the many kinds of specialists and practitioners concerned with fluid–structure interactions and the dynamics of systems related thereto, in any field. One of its aims is to foster the cross-fertilization of ideas, methods and techniques in the various disciplines involved.

The Journal publishes original full-length papers and brief communications on: (a) fundamental aspects of excitation mechanisms and fluid-structure interaction processes, flow- and flow-acoustic-excited phenomena, independent of any concrete application or area of specialization; (b) application-oriented or -inspired papers dealing with fluid-structure interactions, flow-induced excitation, flow-induced instability and vibration of structures in various fields—involving "internal flows", e.g. in piping, turbomachinery, heat exchangers or physiological systems; or "external flows", e.g. in aeroelasticity and other relevant aeronautical applications, offshore and marine problems, wind-induced phenomena, and MEMS/nanotechnology; (c) appropriate topics in unsteady fluid dynamics, i.e. with subject matter of direct interest in fluid-structure interaction. Theoretical, analytical or computational, and experimental research papers in any of the foregoing areas are of interest, as well as review articles.

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