

Preface

This Special Issue on “Fluid–Structure and Flow–Acoustic Interactions involving Bluff Bodies” contains papers reporting research initially presented at the 8th International Conference on Flow-Induced Vibrations (FIV2004) which was held in July 2004, at École Polytechnique, Palaiseau, France. It complements the earlier special issues concerned, respectively, with Bluff-Body/Flow Interactions (20(4)), Axial-Flow Fluid–Structure Interactions (20(6)), and Fluid–Plate Interactions (20(7)).

The first three papers in this issue are concerned with vortex-induced vibrations, related to offshore engineering (papers 1 and 2) or wind engineering (paper 3). The fourth paper is also related to wind engineering, but with the additional effect of rain. Paper 5 combines the effect of vortex-induced vibrations and galloping. Tube arrays are considered in papers 6 and 7. The latter and paper 8 investigate acoustic effects.

All the papers have been up-dated following the conference, and we are grateful to the authors for undertaking the additional work associated with preparing their work for the Journal.

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