

## Preface

This Special Issue on “Marine and Aeronautical Fluid–Structure Interactions” 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 with Bluff-Body/Flow Interactions (20(4)), Axial-Flow Fluid–Structure Interactions (20(6)), Fluid–Plate Interactions (20(8)), and Fluid–Structure and Flow–Acoustic Interactions involving Bluff Bodies (21(1)).

The first three papers here are concerned with transient aerodynamic phenomena and nonlinear aeroelasticity. Hydrodynamic impact is investigated in papers 4 and 5, including results from both numerical and experimental investigations. Paper 6 deals with boundary layer-induced pressure fluctuations which generate noise on high speed marine vessels; and paper 7 describes an experimental study of vortex-induced vibrations of marine risers tested with and without strakes.

All the papers have been updated 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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