

**NEW TRENDS IN THE MATHEMATICAL AND NUMERICAL  
ASPECTS OF FLUID-STRUCTURE INTERACTION**

**TRACK NUMBER 900**

**MIGUEL A. FERNÁNDEZ, CÉLINE GRANDMONT AND MARINA VIDRASCU**

<sup>†</sup> Inria, Sorbonne Université & CNRS  
Paris, France

miguel.fernandez@inria.fr, celine.grandmont@inria.fr, marina.vidrascu@inria.fr

**Key words:** Incompressible fluid-structure interaction, mathematical modeling, mathematical analysis, numerical analysis

**ABSTRACT**

This minisymposium aims at gathering mathematicians and engineers working on the mathematical and numerical aspects of incompressible fluid-structure interaction. Topics may include, but are not limited to, fluid-structure interaction with contact, poro-elasticity, multi-dimensional 3D-1D coupling, unfitted mesh approximations, etc.