

# Fluid & Elasticity 2015

22-24 June 2015, Biarritz, France



## Objective

The objective of the conference is to bring together researchers of different communities (applied mathematics, biomechanics, fluid mechanics, physics) working on fundamental problems involving coupling between a fluid and a deformable body. Contributions of work in progress or completed are welcome.

The first *Fluid & Elasticity* conference was held in 2009 in Carry-le-Rouet (France), and the second in 2012 in La Jolla (USA).

The conference will be held at the Belambra hotel “La chambre d’amour” near Biarritz, France. It will take place over three days (June 22-24 2015). It will consist of single plenary sessions with six invited lectures (40 minutes) and about 40 selected oral presentations (20 minutes), with ample time outside the formal sessions for participants to meet in a convivial atmosphere.

## Invited speakers

- Atef Asnacios (MSC, France)
- Heidi Nepf (MIT, USA)
- Tomas Bohr (DTU, Denmark)
- Eric Dufresne (Yale, USA)
- Jean-François Joanny (Inst. Curie, France)
- Dominic Vella (Univ Oxford, UK)

## Topics

Experimental, numerical and theoretical presentations will be given on the following topics:

- Biological internal flows
- Elasticity-capillarity coupling
- Fluid-structure instabilities
- Plants and flows
- Swimming/Flying at high  $Re$
- Swimming of microorganisms
- Viscoelastic media

## Organizers

- Jacco Snoeijer (Univ Twente, Netherlands)
- Christophe Eloy (Aix-Marseille Univ, France)
- Eric Lauga (DAMTP, Univ Cambridge, UK)
- Romain Vermorel (Univ Pau, France)

## Important dates

Abstract submission deadline: Feb. 1st, 2015  
Notification of acceptance: March 15, 2015  
Early registration deadline: May 1st, 2015  
Conference dates: June 22–24, 2015

## Contact

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