



ERCOFTAC Symposium on UNSTEADY SEPARATION IN FLUID-STRUCTURE INTERACTION

*Mykonos, Greece, 17-21 June 2013
Hôtel St John, <http://www.saintjohn.gr>
www.smartwing.org/ercoftac*



ANNOUNCEMENT

The present international Symposium is associated with the activities of the
ERCOFTAC - SIG 41 : "Fluid-Structure Interaction"

Co-chaired by

Dr. Marianna Braza -IMFT- France
Prof. Alessandro Bottaro - Univ. of Genova - Italy
Prof. Mark Thompson, Monash University, Australia

Host Institution:

Institut de Mécanique des Fluides de Toulouse, IMFT
Unité Mixte de Recherche UMR CNRS-INPT-UPS 5502, France

Sessions:

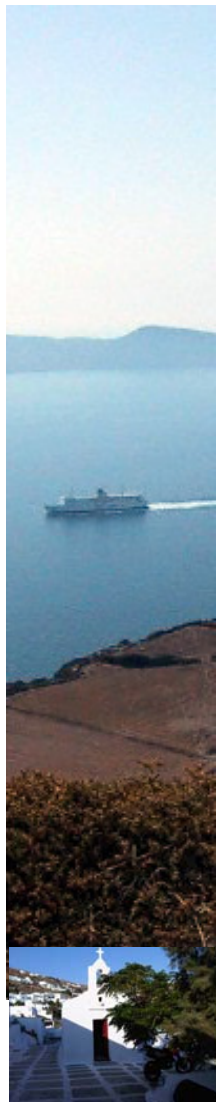
- **Theoretical aspects of Fluid-Structure Interaction (FSI) involving separation**
- **Instability and Transition studies related to the onset of separation**
- **Intelligent Materials and electroactive morphing**
- **Biomimetics for smart-wing design**
- **Experimental techniques for the dynamics of separation in VIV, MIV, TIV**
- **Compressibility effects related to unsteady separation in FSI**
- **Direct Numerical Simulation of unsteady separated flows**
- **Turbulence Modeling approaches involving FSI: advanced statistical (URANS), LES and hybrid (URANS-LES)**
- **Coupling strategies CFD-SM**
- **Control of unsteady separation including applications with intelligent materials**

Deadline of extended abstracts submission : **3rd January 2013** : www.smartwing.org
Notification of acceptance : **25th February 2013**
Full paper due: **30th April 2013**

Publication of the proceedings by the ERCOFTAC Series **after full papers review**. A 'best-poster award' will be attributed to a selected poster presentation. Selected papers after the symposium will be published following second review in scientific Journal's special issue.

SCIENTIFIC COMMITTEE

Please see next page



SCIENTIFIC COMMITTEE

see also www.smartwing.org

<u>Dr. M. Braza, Co-Chairperson</u>	IMF Toulouse - <i>France</i>
<u>Prof. A. Bottaro, Co-Chairperson</u>	University of Genova - <i>Italy</i>
Prof. B. J. Geurts	University of Twente - <i>Netherlands, ERCOFTAC-SPC Chairman</i>
<u>Prof. M. Thompson, Co-Chairperson</u>	Monash Univ. - <i>Australia</i>
<i>Dr. E. Longatte</i>	<i>EDF -France, Coordinator SIG 41-ERCOFTAC</i>
<i>Dr. D. Darracq</i>	<i>AIRBUS - France</i>
<i>Prof. G. Karniadakis</i>	<i>Brown Univ., USA</i>
Prof. M. Triantafyllou	MIT - <i>USA</i>
Prof. J.F. Rouchon	LAPLACE - CNRS, <i>France</i>
<i>Prof. D. Rockwell</i>	Lehigh University, <i>USA</i>
<i>Prof. C. Norberg</i>	<i>Lund Univ. Sweden</i>
<i>Prof. J. Hunt</i>	<i>Univ. College, London</i>
Prof. G. Tzabiras	National Technical Univ. of Athens - <i>Greece</i>

Key Note speakers

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INVITED KEY NOTE SPEAKERS

Provisional list

Prof. C. Brücker	Technische Universität Bergakademie Freiberg, Germany
Dr. P. Doerffer	Polish Acad. of Sci., Gdansk, Poland
Prof. B. J. Geurts	University of Twente - Netherlands
Prof. C; Hirsch	NUMECA International S.A
Prof. J. Hunt	Univ. College, London
Prof. A. Kareem	Notre Dame University, USA
Prof. G. Karniadakis	Brown Univ., USA
Dr. E. Longatte	EDF -France
Prof. P. Moin	Stanford University
Prof. J.F. Rouchon	LAPLACE - UMR CNRS 5213, France
Dr. D. Schwamborn	DLR - Göttingen, Germany
Prof. M. Triantafyllou	MIT - USA