



Control of Fluid-Structure Systems and Inverse Problems

TW 2012 — June 25-28, 2012



Topics

Mathematical analysis of fluid and structure models and their interaction
The inverse problems of cloaking, shielding and reconstruction for PDE models
Theory and numerics of control problems for fluid and structure models

Invited speakers

Muriel Boulakia — Paris 6 (Paris, France)
Laurent Bourgeois — ENSTA (Paris, France)
Piermarco Cannarsa — Univ. Roma Tor Vergata (Rome, Italy)
Michel Cristofol — Univ. Paul Cézanne (Marseille, France)
Antonio de Simone — Sissa (Trieste, Italy)
Giovanni Paolo Galdi — Univ. of Pittsburgh (Penn, USA)
Olivier Glass — Univ. Paris Dauphine (Paris, France)
Céline Grandmont — INRIA (Le Chesnay, France)
Shuai Lu — Fudan Univ. (Shanghai, China)
Marco Sammartino — Univ. Palermo (Palermo, Italy)
Takéo Takahashi — INRIA (Nancy, France)
Marius Tucsnak — Institut Elie Cartan (Nancy, France)
Gunther Uhlmann — Univ. of Washington (WA, USA)
Michael Vogelius — Rutgers University (NJ, USA)
Masahiro Yamamoto — Univ. of Tokyo (Tokyo, Japan)

Organizing Committee

Mehdi Badra (LMA Pau, IMT), **Lucie Baudouin** (LAAS-CNRS), **Frédéric de Gournay** (IMT), **Sylvain Ervedoza** (IMT), **Patrick Martinez** (IMT), **Jean-Pierre Raymond** (IMT), **Lionel Rosier** (IECN), **Denis Matignon** (ISAE).

Scientific Committee

Piermarco Cannarsa (Univ. Roma Tor Vergata), **Eduardo Feireisl** (Academy of Science, Praha), **Jean-Pierre Puel** (BCAM), **Marius Tucsnak** (IECN), **Masahiro Yamamoto** (Math. Sci., Univ. Tokyo), **Enrique Zuazua** (BCAM).

<http://www.math.univ-toulouse.fr/TW2012/>



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