

Preface

The “Turbulence and Interactions 2015” (TI2015) conference was held in Institut d’Etudes Scientifiques de Cargèse on the island of Corsica, France, on November 2nd–6th, 2015. The scientific sponsors of the conference were

- Ecole Polytechnique Fédérale de Lausanne (EPFL)
- ONERA - The French Aerospace Lab

This fourth TI conference was very successful as it attracted 45 researchers from 6 countries. The magnificent venue and the beautiful weather helped the participants to discuss freely and casually, share ideas and projects, and spend very good times all together.

The organizers were fortunate in obtaining the presence of the following invited speakers: J. Derksen (Delft University of Technology), J.-L. Estivalèzes (ONERA), B. Geurts (University of Twente), V. Moureau (Coria), T. Sengupta (Indian Institute of Technology), A. Soldati (University of Udine), and S. Vincent (Université Paris-Est, Marne-La-Vallée).

The topics covered by the 24 contributed papers ranged from experimental results through theory to computations. They represent a snapshot of the state of the art in turbulence research. The papers of the conference went through the usual reviewing process, and the result is given in this book of Proceedings.

In the present volume, the reader will find the keynote lectures followed by the contributed talks given in alphabetical order of the first author.

The organizers of the conference would like to acknowledge the financial support of EPFL and ONERA.

Lausanne, Switzerland
Châtillon, France
Toulouse, France
Châtillon, France
Châtillon, France
Châtillon, France
Marne Valley, France
March 2017

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Vincent Couaillier
Jean-Luc Estivalèzes
Vincent Gleize
Thien-Hiep Lê
Marc Terracol
Stéphane Vincent

Turbulence and Interactions

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