
Editorial

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Biographical notes: Bruno Chanetz is the Deputy Director of the Fundamental and Experimental Aerodynamics Department (DAFE) at Onera since 2003. He was an Associate Professor at the University of Versailles from 2003 to 2009. He is presently an Associate Professor at the University Paris-Ouest.

Jean Délery has been the Director of the DAFE at Onera until 2003. He is now an Emeritus Advisor for this department, Chairman of the Aerodynamics Commission of the 3AF (French Aeronautics and Astronautics Society), Chairman of the Scientific Committee of the National Centre for Technological Research in the field of terrestrial vehicle aerodynamics and aeroacoustics.

Abderrahmane Baïri is a Professor at the University Paris-Ouest. His main teaching activity in Thermal and Energy Engineering Department (GTE) is related to heat transfer and engineering numerical methods. His research is performed in Laboratoire de Thermiques, Interfaces et Environnement (LTIE).

The applied aerodynamics conference is organised yearly, in France, by the Aerodynamics Technical Commission of the *Association Aéronautique et Astronautique de France* (French Aeronautics and Astronautics Society or 3AF). The symposium concentrates each year on a different topic pertinent to the present interest of the aerodynamics research community.

In 2011, the symposium was held in the *Ecole Polytechnique Universitaire d'Orléans* (Polytech'Orléans) and devoted to aerodynamics of rotating bodies. The present special issue of *The International Journal of Engineering Systems Modelling and Simulation (IJESMS)* presents ten articles, selected among the presented papers, which cover the subject addressed by the conference. Two articles concern wind turbines, three articles propellers and fans and

one article counter concerns rotating systems. The last four articles are devoted to helicopter rotors. The articles have been completed and peer-reviewed by experts in the field of aerodynamics.

The 47th International Symposium of Applied Aerodynamics, to be held in Paris (France) from March 26 to March 28, 2012, will be placed under the auspices of the celebration of the centenary of the Eiffel wind tunnel, installed in 1912 at Auteuil (Paris) and still in operation. The symposium will focus on today strategy used for flow prediction, based on the joint use of wind tunnel and computation. It will also consider the close connection between wind-tunnel operation and CFD within the context of a computer aided wind tunnel. A special issue will be dedicated to this conference.