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The EU 6th Framework Programme
Specific Support Action
AEROCHINA Europe-China Open Workshop on



Modeling, Simulation, Experimentation and Design in Aerospace Engineering: Case Studies and Challenges



April 25-27, 2007, CIMNE, Barcelona, Spain

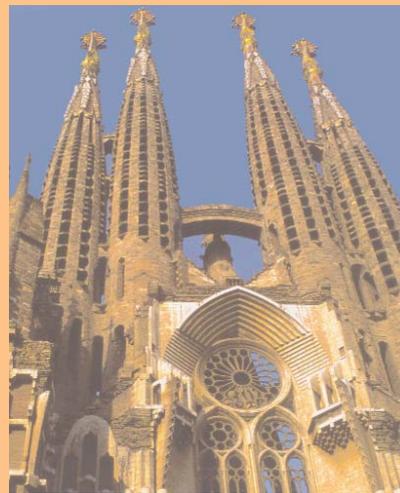


Organization:

- CIMNE / Barcelona, Spain in association with EU, MOST and AVIC1
- ACTRI / Xi'an, China

Objectives of the OPEN Workshop

- Bring together aeronautical scientists and technologists from Europe and China, attending an open Workshop to present single and multi physics case studies in modeling, simulation, experimentation and design applied to aerospace engineering.
- Identify and discuss possible cooperative area and partnership for FP7 in topics corresponding to multi physics keywords of the EU vision 2020 report: "Quieter, Clearer, Safer and Affordable".



Application areas

- Fluid Dynamics / Aeroelasticity / Aeroacoustics
- Thermal flows / Turbulent flows / Combustion
- Flow Control / Multiphysics Design

Format of the Workshop

- Presentations by all AEROCHINA partners on case studies, and by six invited European experts in Modelling, Simulation, Experimentation and Design.

Invited Speakers

Ramon Codina, Universitat Politècnica de Catalunya (UPC/CIMNE), Spain
Jean Antoine Desideri, INRIA, France
Eric Duceau, EADS-CCR, France
George Eitelberg, DNW, The Netherlands
Ning Qin, The University of Sheffield, United Kingdom
Vittorio Selmin, Alenia, Italy

Scientific/Industrial Committee

A. Abbas, AIRBUS, Spain
J. C. Courty, DASSAULT, France
J. Dias, AIRBUS, Spain
W. Haase, EADS-M/DE, Germany
C. Hirsch, ERCOFTAC, Belgium
D. Knoerzer, EC, DG Research Aeronautics
LEE Chun-Hian, BUAA, China
Yuan Mingwu, PEKING UNIV., China
MING Xiao, NUAU, China
CHEN Yingchun, FAI, China
BAI Wen, ACTRI, China

Partners of the Project

From Europe

CIMNE
 DASSAULT
 EADS CRC
 EADS-M/DE
 AIRBUS
 IUSTI-UNIV. PROV
 INRIA
 DLR
 ERCOFTAC
 UNIV. BIRMINGHAM
 IFTR
 INGENIA

From China

ACTRI/AVIC1
 CADI/AVIC1
 NPU
 CARIA/AVIC1
 SARI/AVIC1
 FAI/AVIC1
 BUAA
 TSINGHUA UNIV.
 NUAU
 ZHEJIANG UNIV.
 PEKING UNIV.
 CAAA

Local Organizing Committee

G. Bugada, CIMNE, Spain
A. Coll, CIMNE
E. Onate, CIMNE, Spain
M. Pasenau, CIMNE
J. Periaux, CIMNE, Spain
A. Valls, INGENIA

Secretariat

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An Aeronautics RTD event with the China-EU Science & Technology Year 2007