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The EU 7th Framework Programme
 Coordination and Support Action
AEROCHINA2 Europe-China Open Workshop



3rd AEROCHINA2 Workshop on Multi-physics and Policy Meeting EU-China on RTD Collaboration in Aeronautics



Brussels, September 21st-23rd, 2009, CIMNE



Organization:

- CIMNE, Barcelona, Spain
- NUMECA, Brussels, Belgium

in collaboration with EU, CAE/ AVIC



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Courtesy of AVIC

Objectives of the OPEN Workshop

The 3rd AEROCHINA2 Workshop aims to address the progress in the field of multiphysics modelling, computer simulation and code validation, experimental testing and design methods for the solution of multi-physics problems of interest to the aeronautic sector. Its main goal is to foster the cooperation between industry and research community in the aeronautics sector in Europe and China.

The addressed spectrum of multi-physical disciplines comprises Aerodynamics, Structures and Materials, Fluid Dynamics, Aero-acoustics, Active Flow Control and Aero-elasticity. The aim is also to identify areas of mutual RTD interest and to present the skills, experiences and capabilities of the European and Chinese partners in the relevant technological areas and to develop concepts of collaboration ensuring win-win situations in the view of forthcoming FP7 Calls for Proposals.

Format of the Workshop

Presentation by AEROCHINA2 posters and invited speakers on state of the art multiphysics methods and tools in aeronautics, flow and aerostructural control, materials and optimization.

Organising Workshop Committee

Europe

- G. Bugeda, CIMNE
- C. Hirsch, Numeca
- D. Knoerzer, EC
- J. Kompenhans, DLR
- J. Periaux, CIMNE

China

- LUO Shilu, CA
- BAI Wen, CAE
- SUN Xiasheng, ASRI
- NIU Wensheng, ACTRI
- MA Jeiping, CAE

Partners in the Project

Partners

- CIMNE, ES
- EADS IW, FR
- AIRBUS, ES
- ALENIA, IT
- IUSTI Univ. Prov., FR
- INRIA, FR
- DLR, DE
- FOI, SE
- NUMECA, BE
- UNIV. BIRMINGHAM, UK
- UNIV. SHEFFIELD, UK
- IFTR, PL
- INGENIA, ES
- CAE

Chinese Subcontractors

- ACTRI
- CADI
- NPU
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- SADRI
- FAI
- BUAA
- TSINGHUA UNIV.
- NUAA
- ZHEJIANG UNIV.
- CAAA
- ASRI
- BIAM
- GTE
- BAMTRI
- IMCAS

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