10th CEAS-ASC Workshop
&
1st Scientific Workshop of X³ - NOISE

Jet Noise Prediction Methodologies
Recent Developments

28/29 September, 2006
School of Engineering
Trinity College Dublin
Ireland

Sponsored by:

EU Aircraft External Noise Network

Scientific Committee

Co-chairs:
John Fitzpatrick, Trinity College, Ireland
Craig Meskell, Trinity College, Ireland

Members:
Lars-Erik Ericksson, Chalmers, Sweden
Daniel Juve, ECL, France
David Riordan, Bombardier Aerospace, N. Ireland
Brian Tester, ISVR, UK
Yves Gervais, LEA, France
Ganesh Raman, IIT, USA

BOMBARDIER
Scope of the Workshop
The focus of this workshop will be to review the most recent developments in jet noise prediction methods. It will provide a forum for the presentation and discussion of the latest techniques for both the prediction and measurement of jet noise and provide scientists and engineers from industry, research establishments and universities with the opportunity to present new results, exchange ideas and discuss directions of future research. It is expected that the latest results which include both single nozzle and co-axial configurations from a series of research programmes will be presented and discussed.

The topics to be considered will include:
- CFD techniques
- Source and propagation models for noise prediction
- Experimental and analysis methods

Keynote Lectures
Dr. James Bridges, NASA, USA
Jet Noise Measurement Techniques
Professor Christophe Bailly, ECL, France
Large Eddy Simulation for Jet Noise Prediction

Call for Papers
Interested speakers are invited to submit abstracts of not less than 500 words with supporting figures. Selected speakers will be required to provide their manuscript or their presentation in advance in electronic form (Word or Power Point) so as to facilitate the preparation of the proceedings. Abstracts in Word format should be sent to the secretariat (att. Craig Meskell jetnoise@tcd.ie) by 31 May 2006.

Key Dates
31 May 2006 Submission of abstracts
13 June Notification of acceptance
6 September Advance registration

Publication
After the workshop appropriate presentations will be recommended for publication in the International Journal of Aeroacoustics (IJA).

Registration
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<tr>
<td>Participant</td>
<td>€200</td>
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<td>Student</td>
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Included in the fee is the conference documentation (book of abstracts and CD of presentations), the lunches and coffee breaks, as well as the workshop dinner.

Registration and hotel reservation: http://www.mme.tcd.ie/jetnoise

Further Information
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