



COUNCIL OF EUROPEAN AEROSPACE SOCIETIES

AAAF AIAE AIDAA DGLR FTF NVvL RAeS SVFW

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:



X³ - Noise

EU Aircraft External Noise Network



International Journal of Aeroacoustics
www.multi-science.co.uk

BOMBARDIER

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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

Registration fees paid	Before 6 September	After 6 September
Participant	€200	€300
Student	€75	€100

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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