

Registration

Registration fees paid **before** 1 August 2016

Participant 225 GBP

Student 100 GBP

Registration fees paid **after** 1 August 2016

Participant 325 GBP

Student 125 GBP

The fee includes the coffee breaks, lunches and workshop dinner, as well as the conference documentation (USB memory stick containing abstracts and presentations).

For workshop registration you are kindly asked to refer to the workshop's web site.

Further information

Technical chair

Phillip Joseph, ISVR, University of Southampton

Administrative chair

Alan McAlpine, ISVR, University of Southampton

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www.southampton.ac.uk/engineering/research/groups/acoustics-group/ceas-asc-workshop-2016.page

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Institute of Sound
and Vibration Research

UNIVERSITY OF
Southampton

Measurement Techniques and Analysis Methods for Aircraft Noise 20th workshop of the Aeroacoustics Specialists Committee of the CEAS

September 7-8, 2016

University of Southampton
United Kingdom

Organised by
Institute of Sound and Vibration Research

Co-sponsored by



COUNCIL OF EUROPEAN AEROSPACE SOCIETIES



Scope of the workshop

The workshop will focus on developments in measurement techniques and novel methods of analysis to characterise and quantify aircraft noise. Papers describing developments in hardware and software are both welcome, as are papers on the integration of data analysis and simulation software. The objective of the workshop will be to assess the strengths and weaknesses of current measurement capabilities for evaluating the effectiveness of noise reduction technologies, and for benchmarking current prediction methods.

Topics on which contributions are invited include, but are not restricted to:

- Applications of beam-forming and inverse methods to aircraft noise sources.
- Measurement techniques for duct modal breakdown and applications to engine ducts.
- Inferring far-field sound radiation from in-duct measurements.
- Measurement techniques for combustion and core noise.
- Characterising aero-acoustic sources in reverberant and semi-reverberant environments.
- Measurement of jet noise.
- Impedance measurement and associated simulation models.
- Measuring community noise near airports – metrics and measurement techniques.

Format of the workshop

The workshop will be informal with ample time for discussion. There will be no parallel sessions. Presentations will be 20-30 minutes depending on the number of speakers.

Keynote speakers will be invited from Industry, Research establishments and Universities.

Location

The workshop will be held at: Avenue Campus, University of Southampton, Highfield Road, Southampton, SO17 1BJ UK

For information about travel and hotels, please see the workshop's web site.

Call for abstracts

The language of the workshop will be English. Prospective speakers are asked to submit their abstracts on no more than two pages including title of presentation, authors' names and affiliations in electronic form (Word). The speakers must provide their presentation in advance in electronic form (PDF) in order to facilitate the preparation of the workshop USB memory sticks for the delegates.

Abstracts should be submitted by email to ceasworkshop@southampton.ac.uk

Key dates

15 June 2016	Submission of abstracts
15 July 2016	Notification of acceptance
1 August 2016	Advance registration
26 August 2016	Submission of presentations

Scientific committee

Chair

Phillip Joseph, ISVR (UK)

Members

Gareth Bennett, TCD (Ireland)

Hans Boden, KTH (Sweden)

Harry Brouwer, NLR (The Netherlands)

Lars Enghardt, DLR (Germany)

Denis Gely, ONERA (France)

Victor Kopiev, TsAGI (Russia)

Daniel Juve, ECL (France)

Pieter Sijtsma, PSA3 (The Netherlands)

Ulf Tapken, DLR (Germany)