

## Research Symposium:

# Acoustic characteristics of surfaces: measurement, prediction and applications

18-19 September 2003  
University of Salford,  
Manchester, UK  
[www.ioa.org.uk/salford2003](http://www.ioa.org.uk/salford2003)



Surfaces play a key role in airborne acoustics, in rooms, semi-enclosed spaces and outdoors. This symposium will bring together people working on surface acoustics to investigate the design, application, characterisation, measurement, modelling and predicting the effects of absorbers, diffusers and other surfaces in acoustics. Areas of interest include:

- Modelling of surface effects in outdoor sound propagation and rooms.
- Characterisation and application of diffusers.
- In-situ measurement of material properties.
- Modelling of porous and other absorbers.
- New designs for absorbers and diffusers.
- Innovative applications of new acoustic surface treatments.
- Active and hybrid surfaces.
- Non-linear effects in absorbers: measurement and modelling.
- Ambient noise control: road/tyre noise, barriers and other surfaces.
- Advances in numerical methods for surface reflection/scattering.

**Deadline for abstracts: 31<sup>st</sup> January 2003**

Email abstracts to the Chair of the organising committee [t.j.cox@salford.ac.uk](mailto:t.j.cox@salford.ac.uk)

### Organising committee:

- |                             |   |
|-----------------------------|---|
| • Dr Trevor Cox,            | University of Salford (Chair).                  |
| • Prof. Andrew Peplow,      | Kungl Tekniska Högskolan, Stockholm.            |
| • Prof. Martin Ochmann,     | TFH Berlin – University of Applied Sciences.    |
| • Prof. Jens Holger Rindel, | Danmarks Tekniske Universitet.                  |
| • Prof. Gerrit Vermeir,     | Katholieke Universiteit, Leuven.                |
| • Prof. Keith Attenborough, | University of Hull.                             |
| • Prof. Peter Svensson,     | Norges Teknisk-naturvitenskapelige universitet. |
| • Prof. Y. W. Lam,          | University of Salford.                          |

### Organisations:

- EAA Technical Committees:
- Room & Building Acoustics
  - Computational Acoustics



Institute of  
Acoustics, UK



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