

ANNOUNCEMENT

International Symposium on Surface Diffusion in Room Acoustics

in Conjunction with Acoustics 2000 Conference

**Liverpool
Sunday 16 April 2000**

Organiser: Y.W. Lam, University of Salford

in association with

International Standards Organisation Working Group ISO/TC43/SC 2/WG 25
Audio Engineering Society Subcommittee AES SC-04

SCOPE

The diffusion of sound off a surface is an important aspect in room acoustics - it helps to reduce the undesirable effects of strong specular reflections and generally increases the diffuseness of the sound field. Despite the need to quantify the surface diffusion in both diffuser design and computer modelling, there is for a long time no standard definition of a diffusion or scattering coefficient. Fortunately recent researches have generated many advances in this topic. The purpose of this Symposium is to disseminate current understanding of the subject and to stimulate ideas for future research and applications. The main theme of the Symposium will centre around the findings of an ISO working group and an AES sub-committee on the standardisation of scattering and diffusion coefficients. The importance of surface diffusion in room design and modelling will also be highlighted. There will be time for discussion following the presentations and feedback to the ISO and AES draft proposals will be sought.

SYMPOSIUM PROGRAMME

The preliminary programme will start with two presentations, one from the ISO WG chairman Jens Holger Rindel and one from the AES Sub-committee chairman Peter D'Antonio, describing the findings of the working groups. The technical details of the definitions and measurement of the scattering coefficient and diffusion coefficient will then be described in presentations by Eckard Mommertz and by Trevor Cox.

The programme will also include a number of presentations on the application of diffusers in room acoustics and the modelling of surface diffusion in computer models. A discussion session is scheduled at the end of the presentations to allow delegates to participate in the discussion and give feedback.

ABSTRACT SUBMISSION

If you wish to contribute a presentation to the Symposium please send an abstract of no more than 200 words to the Symposium organiser Dr. Y. W. Lam, email y.w.lam@salford.ac.uk, by the end of February 2000. Contributions may be incorporated into a special edition of the Journal of Applied Acoustics.

FURTHER DETAILS

For travel and accommodation details please consult the Acoustics 2000 conference website at <http://www.acoustics2000.org.uk>. The final programme will also be posted at this website when it is ready.

REGISTRATION FORM

International Symposium on Surface Diffusion in Room Acoustics

in Conjunction with Acoustics 2000 Conference

Name _____ Title _____

Organisation _____

Address _____

Postcode _____ Country _____

Telephone _____ Fax _____

E-mail _____

FEES (Please tick box)

☐ Delegate fees - £75 * £ _____

☐ Delegate fees (for those attending Acoustics 2000) - £50 * £ _____
* (includes a copy of Applied Acoustics special issue on surface diffusion)

☐ Students (with current ID cards) - FEE WAIVED
(Applied Acoustics special issue not included but can be purchased at £20 each - normal price £90)

PAYMENT METHOD

I enclose a cheque for £ _____
(cheques should be made payable to The University of Salford)

Please invoice my company quoting the following purchase order number:

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