

Organised by Noise and Vibration Engineering Group meeting

# New Technology for Engineering Noise Control

## Tuesday 8 July 2014

### Mercer Suite, The Royal Society, London

The meeting aims to help industrial plant designers, safety, health and environmental advisors, plant managers, operators and acoustic professionals who are concerned with new or existing industrial plant.

#### Programme

09.00 Registration and refreshments

09.45 Welcome

10.00 Environment Agency's Approach and Expectations to Noise Control within Large Industrial Sites  
*Tony Clayton and Jon Tofts, Environment Agency*

10.30 Approaches to Noise Control Prioritisation.  
*Nathan Thomas, Xodus*

#### 11.00 Coffee

11.30 Control of aerodynamic noise sources in fans, jets and valves.  
*Phil Joseph, R Self, Malcolm Smith, ISVR, University of Southampton.*

12.00 Acoustic treatment of industrial process pipelines with FEF materials  
*Mark Swift, Armacell Engineered Systems*

#### 12.30 Lunch

13.30 Transmission of exhaust noise from a marine gas turbine.  
*Malcolm Smith, ISVR, University of Southampton*

14.00 Improving Predictions of Gas Turbine Exhaust Silencer Performance  
*Paul Williams, AAF Ltd*

#### 14.30 Tea

15.00 Workshop – Open forum for the group to discuss any current issues that delegates may have. Possible discussion topics include: prediction of relief valve noise, source identification, etc.

16.00 Close