

Pre-Conference Technical Tour/Workshop on Active Noise and Vibration Control

**Centre for Acoustics, Dynamics and Vibration
The University of Western Australia
9th November 2005**

*In conjunction with "Acoustics 2005"
the annual conference of the Australian Acoustical Society at Busselton WA.*

The current focus in active noise and vibration control (ANVC) is the implementation of ANVC systems in the real world. The aim of this technical tour and workshop is to promote and illustrate this focus using practical examples and demonstrations. Some ANVC systems developed at the University of Western Australia over the past 10 years will be demonstrated during the tour. The organizer of the workshop will also invite poster/video demonstrations from other organizations around the world for such promotion.

This course is intended for people who are interested in the practical use of active noise and vibration control technology. As the workshop is based on applied acoustics and a technical tour will also be arranged to show other acoustical projects (music acoustics and virtual acoustics) currently undertaken at the University of Western Australia, people with general background of acoustics and vibration will also be able to enjoy the workshop in the beautiful campus of UWA.

Morning tea and lunch are included in the cost, and a coach has been arranged from UWA to Busselton immediately after the lunch at 13:30pm for those pre-booked.

Information on "Acoustics 2005", including registration requirements for the workshop, can be found at: <http://www.acoustics.asn.au/divisions/2005-conference.php>

Enquiries: acoustics2005@acoustics.asn.au

Acoustics 2005
Acoustics in a Changing Environment



Abbey Beach Resort, Busselton W.A.

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Program

Time	Session	Presenter
9.30-10.00	Morning tea (Mechanical Engineering Tea Room 101)	
10.00 – 10.30	Introduction to Practical ANVC (Room 1.05)	Jie Pan Roshun Paurobally
10.30 - 11.30	Active control of fan noise Active noise control in a stationary truck cabin (G17) DSP controller demonstration (G17) Active ear defenders (1,55A) Non-linear position control of a model fin (1.55B)	Jie Pan Roshun Paurobally Roshun Paurobally Brad Treeby Eric Hoo
11.30 - 12.30	Violin acoustics (1.39) Acoustics of Swan Bells (1.39) Research in virtual acoustics (1.55A) Torsional vibration (1.37)	Claire Garcia-Webb Libby Jewkes Brad Treeby Andrew Guzzomi
12.30-13.15	Lunch at seminar room 2, UWA Club	
13.30	Coach departure from UWA Club to Busselton for those pre-booked	

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