



A PRIVATE AUDIENCE WITH AN INTERNATIONAL ACOUSTICS EXPERT

FREE ADMISSION / 8:00am / Friday July 3, 2009 / Melbourne VIC

Who should attend this event?

Designers and manufacturers of automotive, aerospace, agricultural, consumer, heavy industry, marine, off-road, oil and gas, power and energy, white goods and wind turbine products.

Presenter: Peter Segear

Peter Segear is the Senior Technical Expert for Acoustics for the world leader in virtual analysis software, LMS International. Based in Leuven, Belgium, he is their worldwide expert on vibro-acoustic simulation technology. This is a role that takes him to customer sites all over the world in industries as varied as automotive, aerospace, defence, electrical and electronic products, industrial machinery, off road vehicles, and the space program.

Peter is an advisor to the "Who's Who" of these markets. He also oversees acoustical benchmarking projects conducted by LMS' team of engineers, speaks at major scientific conferences about engineering simulation - with a focus on vibration and acoustics, presents research papers and delivers customised training to LMS users on advanced topics such as random vibro-acoustics, aero-acoustics and underwater acoustics.

Peter has 20 years experience in the engineering simulation industry. Including research on numerical simulation of 3D turbomachinery fluid dynamics, in particular thermal mixing processes in axial-flow compressors for aircraft engines; providing analysis assistance for the Structural Dynamics Research Corporation across Southern Europe; providing technical support and training for I-DEAS CAD modelling and FEA structural analysis software; supporting LMS' software packages for acoustics, noise and vibration (i.e. SYSNOISE, RAYNOISE, VIOLINS) globally; training LMS customers; followed by his current role.

This is a rare opportunity to hear from one of the international acoustic/vibration industry's most experienced technicians. In a relaxed, informal setting, Peter will be speaking about the latest breakthroughs in acoustic/vibration technology and selected

case studies. There will also be ample time for guests to ask questions. If you would like Peter to include a particular discipline of analysis (pertinent to your industry) in his presentation, please note this in your online registration.

Agenda

08:00 - 09:00	Registration (a light breakfast will be served)
09:00 - 09:30	Introduction
09:30 - 10:30	Overview of vibro-acoustic modelling concepts and how they are applied in various applications (introduction to BEM and FEM)
10:30 - 10:45	Coffee break
10:45 - 11:30	Real life application examples
11:30 - 12:00	Raynoise - Building Acoustics (room acoustics) and Industrial Noise (industrial noise control & environmental acoustics) simulation
12:00 - 12:30	Q&A
12:30	Close

Venue

CONCENTRIC Office - 1721 Malvern Road, Glen Iris.
Nearby free on-street parking.

We request that you register for this event

www.concentric.com.au/eventscentral/

Toll Free: 1300 658 758 • Email: contact@concentric.com.au

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