THE UNIVERSITY OF WESTERN AUSTRALIA

FACULTY OF Engineering, Computing and Mathematics

School of Electrical, Electronic & Computer Engineering

SEMINAR

Porous silicon research at The University of Western Australia

by

Timothy James

Microelectronics Research Group (MRG)
School of EECE, UWA

DATE/TIME: **Tuesday 03 June 2008 at 1:00PM**

VENUE: **Billings Room 3.04** (3rd Floor)
School of Electrical, Electronic & Computer Engineering
Electrical Engineering Building
Fairway Entrance 2 and 3
The University of Western Australia
Crawley (Perth), WA 6009

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ABSTRACT:

Porous silicon research at The University of Western Australia (Perth) is focused on the development of transmissive thin film optical filters. Specific areas of research include the development of a novel double-sided fabrication technique, surface passivation methods, pulsed anodisation for uniformity improvement and the creation of an in-situ realtime monitoring system

ABOUT THE SPEAKER:

Tim James is currently working towards his PhD, entitled "Porous silicon for photonics applications." Tim has experience in silicon bulk micromaching for microchannel fabrication, and has also worked on HgCdTe infrared detectors and micro-spectrometer fabrication. He received a BE(Hons) degree from UWA in 2004, and has been part of the Microelectronics Research Group since 2003.