

## CURRICULUM VITAE – Dr ANDREW OOI SENG HOCK

**Present Appointment:** Senior Lecturer  
Department of Mechanical and Manufacturing Engineering  
The University of Melbourne  
Victoria 3010  
AUSTRALIA  
*e-mail:* a.ooi@unimelb.edu.au

### UNDERGRADUATE STUDY

*University Attended:* The University of Melbourne  
*Faculty:* Engineering  
*Degree:* Bachelor of Engineering (Mech. & Manuf. Eng.)  
with First Class Honours  
*Year of Graduation:* 1992

### POSTGRADUATE STUDY AT THE UNIVERSITY OF MELBOURNE

*Ph.D. Thesis Title:* Numerical study of the small scale motions in homogeneous flows.  
*Ph.D Thesis Passed:* 1997

### APPOINTMENTS AND POSTS HELD

*Jan. 2003 - Present:* Senior Lecturer  
Department of Mechanical & Manufacturing Engineering  
The University of Melbourne  
*April 2000 - Dec. 2002:* Lecturer  
Department of Mechanical & Manufacturing Engineering  
The University of Melbourne  
*March 1999 - April 2000:* Research Scientist  
Aeronautical and Maritime Research Laboratories  
Defence Science Technology Organisation, Australia  
*Feb. 1998 - March 1999:* Postdoctoral Fellow  
Center for Turbulence Research

Stanford University, USA

*Feb 1997 - Jan 1998:* Research Fellow  
Department of Mechanical & Manufacturing Engineering  
The University of Melbourne

*1993 - Jan 1997:* Tutor in the Following Mechanical  
& Manufacturing Engineering Subjects:  
– Control Systems (3rd year level)  
– Mathematics for Engineers (2nd & 3rd year levels)  
– Computational Mechanics (3rd year level)  
– Advanced Computational Mechanics (4th year level)

## **AWARDS AND PRIZES**

- 2004* The University of Melbourne, Faculty of Engineering, Teaching Excellence Award.
- 2002* Summer fellowship from the Center for Turbulence Research, Stanford University, to participate in their summer program for turbulence research.
- 2000* Summer fellowship from the Center for Turbulence Research, Stanford University, to participate in their summer program for turbulence research.
- 1997* DeFina prize for the best PhD. thesis from the Department of Mechanical and Manufacturing Engineering. University of Melbourne.
- 1993* Commonwealth Postgraduate Research Scholarship Award.
- 1992* Rennie Memorial Prize for the top 4th year student finishing the degree of B.E. in Mechanical Engineering
- 1991/92* CSIRO Australia, Division of Building, Construction and Engineering Summer Research Fellowship
- 1990* Aerospace Technologies of Australia Book Prize for top 2nd year student enrolled in the B.E. degree at the University of Melbourne

## **INVITED LECTURES AND SEMINARS**

- Invited seminar at the Center for Turbulence Research, Stanford University, CA, USA, November 2005.
- Invited seminar at the Maritime Platform Division, Defence Science Technology Organisation, Melbourne, Australia, July 2005.