

## Curriculum Vitae

**Name:** Christopher YAP

**Present Appointment:** Associate Professor

**Contact Information:**

Department of Mechanical Engineering  
Faculty of Engineering  
National University of Singapore  
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Singapore 119260  
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**Research Areas:** Turbulent heat transfer; numerical thermal-fluids; and energy efficiency

**Teaching Areas:** Thermodynamics; heat transfer; energy engineering

**Academic/Professional Qualifications:**

- BEng (Dean's Honours) (1975), University of Western Ontario, Canada
- MEng (1982), National University of Singapore
- PhD (1987), University of Manchester Institute of Science & Technology, UK

**Awards/Honours:**

- Colombo Plan Scholarship (1971-1975)
- UWO Board of Governors Silver Medal in Mechanical Engineering (1975)
- Sheila Mo Memorial Prize for Postgraduate Students (1987)

**Career History:**

- Mechanical Engineer, Port of Singapore Authority, Singapore (1977-80)
- Faculty Member (1987-Present), National University of Singapore

**Administrative Leadership in Faculty/Department:**

- Vice-Chairman of Teaching Methodology, Evaluation & Examination Committee, Faculty of Engineering (1993-95)
- Chairman, E-Newsletter Editorial Committee, Department of Mechanical Engineering (1999-Present)
- Deputy Group Head, Energy & Bio-Thermal Systems Group, Department of Mechanical Engineering (2004-Present)
- Chairman, Outreach Committee, Department of Mechanical Engineering (2004-Present)

**Professional/Consulting Activities:**

- Member, Institution of Engineers Singapore (1975-Present)
- Member, Society of Automotive Engineers, USA (1976-Present)
- Member, American Society of Mechanical Engineers (1983-Present)

**Major Publications (Maximum of 3):**

- Baughn, J.W., M.A. Hoffman, B.E. Launder, D. Lee and C.R. Yap (1989), ASME Journal of Heat Transfer, 111, 870-876.
- Chou, S.K. W.L. Chang, Y.W. Wong & C. Yap (1994), Energy Conversion and Management, 35(9), 751-763.
- Chua, H.T., K.C. Ng, X.C. Xuan, C. Yap and J.M. Gordon, (2002), Physical Review E, Vol 65, No. 5, 2002, art. no. 056111, Part 2.

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