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Education:

B.Eng. (Hons.), Mechanical Engineering, Universiti Tenaga Nasional, Malaysia, 2001

M.E.Sc., Mechanical Engineering, The University of Western Ontario, Canada, 2004

Experience:

Teaching Assistant, Universiti Teknologi Petronas, Malaysia (2002)

Lecturer/Research Engineer, Universiti Teknologi Petronas, Malaysia (2004 – 2006)

Research Interests:

Hydrodynamic influence on biofilm growth

Bluff body aerodynamics

Hydrodynamic stability

Turbulent flows

Vortex dynamics

Professional Affiliations:

Board of Engineers Malaysia

Publications:

Refereed Journals:

1. Dol, S.S., Kopp, G.A. and Martinuzzi, R.J. ,The Suppression of Periodic Vortex Shedding from a Rotating Cylinder, *Journal of Wind Engineering and Industrial Aerodynamics* (accepted for publication: September 2006).
2. Sharul Sham Dol, Mohd Arief Mohd Nor and Muhamad Khairun Kamaruzaman, Flow Visualization of the Vortex Shedding of a Stationary Circular Cylinder by an Improved Smoke-Wire Technique, *WSEAS Transactions on Fluid Mechanics*, Issue 6, Volume 1, June 2006, pp. 745-752.

Conference Proceedings:

1. Timothy Ganesan, Suren Lim Sinnadurai and Sharul Sham Dol, 2006, Description of Small Eddy Geometry in Turbulent Flows; A Tensor Approach, *Proceedings of the Computer Science and Mathematics Symposium*, Kolej Universiti Sains dan Teknologi Malaysia.
2. Timothy Ganesan, Suren Lim Sinnadurai, Sharul Sham Dol, Azuraïen Jaafar and Mior Azman Meor Said, 2006, Simulation Study of Turbulence Effects on Mixing, *Proceedings of the Computer Science and Mathematics Symposium*, Kolej Universiti Sains dan Teknologi Malaysia.
3. Sharul Sham Dol, Mohd Arief Mohd Nor and Muhamad Khairun Kamaruzaman, 2006, An Improved Smoke-wire Flow Visualization Technique, *Proceedings of the 4th IASME/WSEAS International Conference on Fluid Mechanics and Aerodynamics*, Agios Nikolaos, Greece (CD-ROM).
4. S.S. Dol, 2006, Image Analysis of the Vortex Shedding of Stationary and Rotating Circular Cylinder, *Proceedings of the Eleventh Asian Congress of Fluid Mechanics*, Kuala Lumpur, Malaysia (CD-ROM).
5. M.A. Mohd Nor, S.S. Dol, N.M. Ramli & B. Abdullah, 2006, Modelling of turbulence premixed combustion using non-linear kinetic energy modelling, *Findings of the Young Researchers on Applied Science*, Kuala Lumpur, Malaysia, pp. 317-322.
6. Sham, S., Martinuzzi, R.J. & Kopp, G.A., 2004, Suppression of period vortex shedding in the wake of rotating circular cylinder, *Proceedings of the 5th International Colloquium on Bluff Body Aerodynamics and Applications*, Ottawa, Canada, pp. 419-422.
7. Sharul Sham bin Dol & Robert Martinuzzi, 2003, Vortex shedding suppression due to a rotating circular cylinder, *Proceedings of the Mechanical & Materials Engineering Symposium*, University of Western Ontario, pp. 7-8.