

DR SAIED M. AMINOSSADATI

LECTURER IN MINING ENGINEERING



(MEA NODE: UQ MINING ENGINEERING PROGRAM)

QUALIFICATIONS

PhD in Mechanical Engineering, The University of Queensland, Australia, 1999
MSc in Mechanical Engineering, The University of Queensland, Australia, 1994
BSc in Mechanical Engineering, Isfahan University of Technology, Iran, 1989

EMPLOYMENT

2006- Present Lecturer, Mining Engineering Program, The University of Queensland, Australia
2005-2006 Research Assistant, Dual Fuel Engines, CRC Mining, Brisbane, Australia
2005-2006 Research Engineer, Bassett Consulting Company, Brisbane, Australia
2005-2006 Tutor, School of Engineering, The University of Queensland, Australia
1999-2005 Lecturer, Engineering Faculty, Shahrekord University, Iran
2002-2005 Director, Computer and Information Centre, Shahrekord University, Iran
2000-2002 Head of Training, TotalFinaElf Company, Total South Pars Project, Iran
1999-2000 Manager, Engineering Design Team, Shine Company, Iran
1996-1998 Research Scholar, The University of Queensland, Australia
1990-1992 Industrial Piping Engineer, Petrochemical and Steel Industrial Plants, Iran
1989-1990 Design Engineer, Light Helicopters, Iran
1989-1991 Designer, Air Conditioning Consulting Company, Iran

TEACHING AREAS

Mine Ventilation
Fluid Mechanics and Thermodynamics
Structural Mechanics
Physics and Engineering of Materials

RESEARCH INTERESTS

Mine Ventilation
Gas Management Systems
CFD in Mining
Coal Gasification

SELECTED RECENT PUBLICATIONS

Ghasemi B. and Aminossadati S.M., (2006). Numerical Simulation of Mixed Convection in a Rectangular Enclosure with Different Number of Discrete Heat Sources in Various Position Arrangements, *The Arabian Journal for Science and Engineering*, in the process of final corrections.

Aminossadati S.M., Ghasemi B. (2005), The effects of orientation of an inclined enclosure on laminar natural convection, *The International Journal of Heat and Technology*, Vol. 23, n. 2, pp. 43-49.

Aminossadati S.M. and Ghasemi B. (2004), A numerical investigation on the natural convection flow in a two-section enclosure, *12th Annual Conference (International) of Mechanical Engineering*, Tarbiat Modarres University, Iran, Proceedings of the conference, P. 36.

Aminossadati S.M. (2003), Calibration of a four-hole pressure probe in a low speed flow, *11th Annual Conference (International) of Mechanical Engineering*, Mashhad University, Iran, Proceedings of the Conference, PP. 166-173.

Aminossadati S.M. and Mee D.J. (2002), Uncertainty Analysis for the Aerodynamic Loss Measurements of Cooled Turbine Blades, *5th Biennial Conference of the Engineering Mathematics and Applications Conference*, Queensland University of Technology, QUT, Brisbane, Australia, Proceedings of the Conference, PP. 67-72.

Aminossadati S. M. and Mee D. J. (1995) "Simulation of aerodynamic loss for trailing-edge coolant ejection in gas turbine blades" *12th Australasian Fluid Mechanics Conference*; The University of Sydney; Australia, Proceedings of the Conference, PP. 73-76.