

BRIEF CV



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Areas of interest: High Speed Machining, Micro Machining, Rapid Prototyping, Reverse Engineering, Product Development, Mechanical Design and Surface Profiler

Academic Qualification:

- PhD in Advanced Manufacturing Engineering
Department of Manufacturing Engineering and Industrial Management, University of Liverpool, Liverpool, UK
- B.Eng. (Hons) Mechanical Engineering
Department of Mechanical Engineering, University of Manchester Institute of Science and Technology (UMIST), Manchester, United Kingdom.

Professional Qualification/ Membership/ Affiliation:

- Associate Member of Institute of Mechanical Engineers, UK. (AMIMechE)
- Member of Board of Engineers, Malaysia (BEM)
- Member of Malaysian Society of Engineering and Technology (mSET)

Areas of Interest:

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Publications:

Baharudin BTHT and Hon KKB (2006), Impact of High Speed Machining on Computing and Automation, International Journal of Automation & Control vol 3 issue 1 pp 63-68.

Baharudin BTHT, Dimou, N and Hon KKB, Experimental Investigation of Tool Wear Behaviour of Micro-Tools in High Speed CNC Machining, Proceedings of the 34th International MATADOR Conference, Manchester, UK. vol 34, pp 111-118.

Baharudin BTHT and Hon KKB (2004), Experimental Investigation of Cutting Forces Behaviour of Micro-Tools in High Speed CNC Machining, 3rd International Conference on Advanced Manufacturing Technology, ICAMT04, IIUM, Kuala Lumpur.

Baharudin BTHT and Hon KKB (2005), Impact of High Speed Machining on Computing and Automation, EPSRC UK-China Engineering Workshop, Beijing, China.

Baharudin BTHT, Mativenga PT and Thomas K, The Effect of Cutting Fluids in High Speed Machining of Difficult-to-Machine Material – Titanium Alloy6-4 (2007), Proceedings of the 3rd World Engineering Congress, Penang, Malaysia.

Isa M, **Baharudin BTHT** and Abdul Jalil NA (2007), Solid Flow Measurements Using Microwave Doppler Sensor, Proceedings of the 3rd World Engineering Congress, Penang, Malaysia.