



UNIVERSITY OF
BIRMINGHAM

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Biography

Duc Truong Pham obtained his Bachelor of Engineering (Mechanical) degree with First-Class Honours, PhD degree and DEng degree from the University of Canterbury, New Zealand. His DEng degree was for published work in the field of Systems Engineering in the period 1979-1993.

Between 1979 and 1988, he held a lectureship in Control Engineering at the University of Birmingham where his research focussed on robotics and automation.

In 1988, he joined Cardiff University following his appointment to the Chair in Computer-Controlled Manufacture there.

In 1996, he founded the Manufacturing Engineering Centre at Cardiff University. Under his leadership, the Centre won numerous awards for its innovative manufacturing research and industrial collaboration. Notable accolades include the Secretary of State for Trade and Industry's First Prize for "success in building lasting research partnerships with industry" and the Queen's Anniversary Prize for creating an "exceptional programme of support for firms" using the Centre's research expertise and state-of-the-art facilities.

At Cardiff, his research encompassed the areas of intelligent systems and advanced manufacturing engineering. His projects covered topics such as knowledge-based systems for manufacturing design and quality control, robot vision and automated visual

inspection systems, neural networks for non-linear systems identification and control, rapid prototyping and tooling, micro fabrication, virtual reality and multi-media intelligent product manuals. The amount of external research grants and contracts he secured for the Centre exceeded £30M.

He returned to the University of Birmingham in 2011 to take up the position of Head of the School of Mechanical Engineering and Chance Professor of Engineering

Appointments

Present

- Chance Professor of Engineering and Head of School of Mechanical Engineering, University of Birmingham (since October 2011).

Previous

- Professor of Computer-Controlled Manufacture (October 1988 - September 2011) and Founder Director of the Manufacturing Engineering Centre, Cardiff University (November 1996 - September 2011).
- Lecturer in Control Engineering, Department of Mechanical Engineering, University of Birmingham (October 1979 - September 1988).

Other

- Strategic Scientist: 2013 - 2018, Wuhan University of Technology, Wuhan, China.
- Visiting Professor: 2010 - 2012, King Saud University, Riyadh, Saudi Arabia.
- Visiting Professor: September 2010, Université de Metz, France.
- Erskine Visiting Fellow: July-August 1991, University of Canterbury, New Zealand.
- Consulting Professor: 1987, Huazhong University of Science & Technology, Wuhan, China.
- Professeur Invité: May 1985 and January 1986, Ecole Centrale de Paris.

Prizes/Awards

Research papers

- 5th ICMR Best Paper Prize (2007, 5th Int Conf on Manufacturing Research) (with K Popov, S Dimov and A Ivanov)
- Donald Julius Groen Prize (2004, Institution of Mechanical Engineers) (with R Setchi)
- Thomas Stephens Group Prize (2003, Institution of Mechanical Engineers) (with S Dimov, P V Petkov and S P Petkov)
- Joseph Whitworth Prize (2000, Institution of Mechanical Engineers) (with X Wang)
- Thomas Stephens Group Prize (2000, Institution of Mechanical Engineers) (with S Dimov and F Lacan)
- Joseph Whitworth Prize (1995, Institution of Mechanical Engineers) (with E Oztemel)

Other

- OBE for contribution to engineering (2003 New Year's Honours)
- Innovation Network Special Award for contribution to innovation and to the links between university and industry (1999, Cardiff University)