

BRIEF CV



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Areas of interest: Swarm Intelligent,
Evolutionary Algorithms, Intelligent
Optimizations, TRIZ

Academic Qualification:

- University of Arizona, United States of America, 2006, B.Sc. (Hons), Systems Engineering
- Cardiff University, United Kingdom, 2012, PhD, Manufacturing Engineering

Appointments:

- Tutor, Dept. of Mechanical and Manufacturing Engineering, UPM, 2006-2012
- Senior Lecturer, Dept. of Mechanical and Manufacturing Engineering, UPM, 2012-date

Area of interests :

Swarm Intelligent, Evolutionary Algorithms, Intelligent Optimizations, TRIZ

Publications:

- Ahmad, S., Pham, D.T., Ang, M.C., Ng, K.W., (2012) TRIZ-inspired Asymmetrical Search Neighborhood in the Bees Algorithm, The Asian Modelling Symposium (AMS2012): the 6th Asia International Conference on Mathematical Modelling and Computer Simulation, 28 May 2012 Kuala Lumpur, Malaysia & 31 May 2012, Bali, Indonesia, pp. 29-33, ISBN 978-0-7695-4730-5. Indexed by IEEE.
- Co-editor of Manufacturing System, Intech, 2012, ISBN 978-953-51-0530-5

Professional Training Attended

- TRIZ (Theory of Inventive Problem Solving) Level 1, UPM