

# Introduction to Ergonomics

by Professor Claire O'Malley & Dr Glyn Lawson

Venue: Dewan Persidangan Universiti, USM (Penang Campus)

Wednesday, 16 Dec 2015

Human Factors (also known as Ergonomics) aims to optimise products and jobs for humans. The aims of this workshop are to introduce the main principles of Human Factors, including knowledge of our physical and psychological capabilities and characteristics, and methods for implementing this knowledge as part of a user-centred process. It will introduce attendees to the benefits of integrating Human Factors into their company philosophy, including:

- Improving the match between your products/services and your customers' needs
- The ability to translate user needs into design requirements
- A reduction in costs through reduced risk of injury and operational errors
- Improving employee productivity and job satisfaction
- Improving the comfort of employees or users of your product
- Increasing the speed of learning how to use your product
- Reduced absenteeism

Time	Description
9.00am	Registration
9.15am	Technical Talk
11.15am	Q&A Session
11.30am	Refreshment & Networking
12.00pm	End of Session



**Professor Claire O'Malley**  
Dean, Faculty of Science  
The University of Nottingham Malaysia Campus

Claire O'Malley is Professor of Learning Science at the University of Nottingham, School of Psychology. She is also the Dean of Faculty of Science at the University of Nottingham Malaysia Campus, a Chartered Psychologist and Associate Fellow of the British Psychological Society. She has over 30 years of experience in research and consultancy in the field of human-computer interaction and human factors, especially in different communication and information technologies. She has acted as a consultant for British Telecom and Intel Corporation. Her research focuses on mobile technologies and applications.



**Dr Glyn Lawson**  
Associate Professor, Faculty of Engineering  
The University of Nottingham

Dr Glyn Lawson is an Associate Professor at The University of Nottingham and Chartered Ergonomist and Human Factors Specialist (Fellow). Glyn's research focusses on the Human Factors of simulation and virtual reality (VR) technologies in design and manufacturing. Applications of his work include VR-based training of assembly operations and service tasks, optimising the use of physical and virtual properties in vehicle design processes, and virtual environments for studying emergency evacuation. He has worked as a Design Ergonomist for Jaguar Land Rover prior to joining The University of Nottingham.

**FREE ADMISSION**

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<http://techtalk.dreamcatcher.asia>