

## PRESENTERS

### AI LIN TEO

Dr Evelyn Teo is presently Associate Professor of Building in the School of Design and Environment, National University of Singapore where she has previously served as Programme Director of Bachelor of Science in Project and Facilities Management and Director of External Affairs. Besides having many years of professional experience in the local construction industry, she has participated in building research works in Australia, Hong Kong, South Korea, Singapore and Taiwan. She currently serves as Co-Director for the NUS Centre of Excellence in BIM Integration.

### PETER EDWARDS

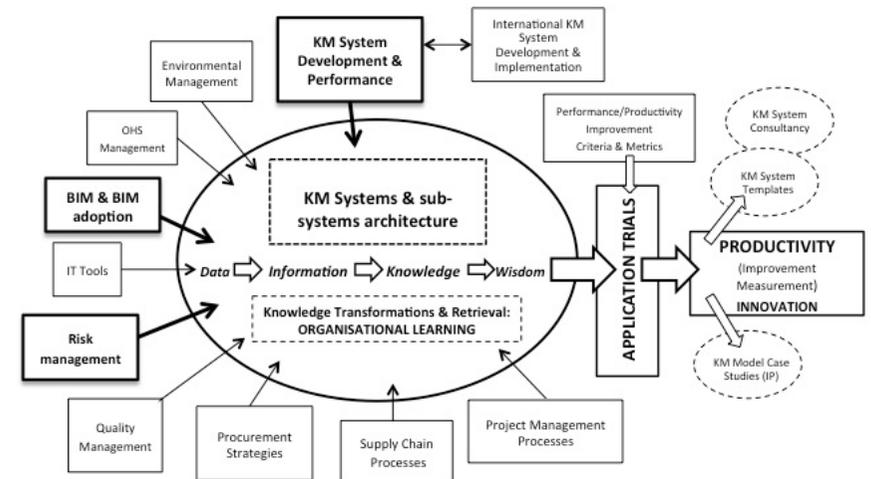
Dr Peter Edwards trained originally as a quantity surveyor in the construction industry in the United Kingdom, and holds an M.Sc degree from the University of Natal (now the University of KwaZulu-Natal) in Durban, South Africa, and a PhD awarded by the University of Cape Town. Now in retirement, he is currently an Adjunct Professor at RMIT University in Melbourne, Australia, where he continues to be active in research and writing. He has authored and co-authored more than 150 journal and conference papers; two books and five book chapter contributions. Many of these relate to project management and risk management. Besides the United Kingdom, he has worked in South Africa, the USA, Australia, and South East Asia, and has taught undergraduate and postgraduate generic project risk management courses in several of those countries. He also undertakes consultancy work in risk management.

### PAULO VAZ SERRA

Dr Paulo Vaz Serra is a civil engineer with over twenty years' experience in construction management and with operative and R&D responsibilities in construction companies in Portugal. He has a M.Sc degree in Construction and a PhD in Civil Engineering, with the thesis on Knowledge Management Systems in a Construction company and is currently a senior lecturer in the Faculty of Architecture, Building and Planning at the University of Melbourne where he coordinates the subjects "Risk, Means and Methods and Procurement Methods in Construction" within the Master of Construction Management. Paulo is a Senior Member of the Order of Portuguese Engineers, and a Chartered Member of the Institution of Civil Engineers (MICE) of the United Kingdom.

# THE IMPACT OF KNOWLEDGE MANAGEMENT ON PRODUCTIVITY AND INNOVATION

A WORKSHOP AT THE UNIVERSITY OF MELBOURNE  
Tuesday, 6th December 2016



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## A WORKSHOP AT THE UNIVERSITY OF MELBOURNE

Tuesday, 6th December 2016

2:00 – 5:00 pm

Hansen Yuncken Studio

Level 4, Melbourne School of Design

Organizations are nowadays required to be constantly alert and adaptable to change. Globalization, changing markets and client needs, together with a new era of opportunities created by the development of new technologies fuel this pressure to adapt, and sometimes mutate, to new realities.

Identification of what the organization knows, what it needs to know and what it can learn is essential to be prepared for the new challenges. Effective communication is essential for organizations to be prepared to quickly receive and share knowledge about the external and internal changes that arrive. Questions each organisation needs to ask include:

- What is the level and effectiveness of our internal and external communication?
- What is our ability to learn, use and share new knowledge?

In the new era of knowledge management, it is essential that organizations understand the importance of knowledge that they need to know; and be able to capture, transform and re-use it as soon as possible. Improved productivity is now inevitably connected with the innovative and efficient use of new knowledge. Besides growing the national economy, it strengthens the competitive advantages of businesses that embrace it.

Collaborative networks, both social and professional, have created new ways to connect, communicate and do things. A tsunami wave of threats and opportunities arrives every day in our lives and businesses. The Chinese proverb says: “when the winds of change blow, some people build walls and others build windmills”. If you want to be prepared for the challenges, and harness their power, it will be important to attend this workshop and discover where your organization is placed in this scenario, and where you want it to be.

## PROGRAMME OF THE WORKSHOP

2:00 – Introduction

2:10 – **KM maturity diagnostic tools and KM systems.**  
Paulo Vaz Serra (UoM)

2:30 – **KM and BIM.**  
Evelyn Teo (NUS)

2:50 – **KM and Risk.**  
Peter Edwards (RMIT)

3:10 – Tea & Coffee break

3:30 - Presentation 1 - case study from industry

3:50 - Presentation 2 - case study from industry

4:10 – Small groups for focused discussion

4:30 – Plenary and panel with main findings of the groups.

5:00 – Conclusions and proposals for further action.

Academic Organizations collaborating in this workshop:

