

Bộ môn Thi Công & Quản lý Xây dựng
Kính mời quý Thầy Cô, các bạn học viên, sinh viên
đến tham dự buổi sinh hoạt chuyên đề
"Future Trends of Advanced Information Technologies
for Construction Industry"



Trình bày bởi **TS. Vachara Peansupap**

Khoa Xây Dựng, Trường ĐH
Chulalongkorn, Thái Lan

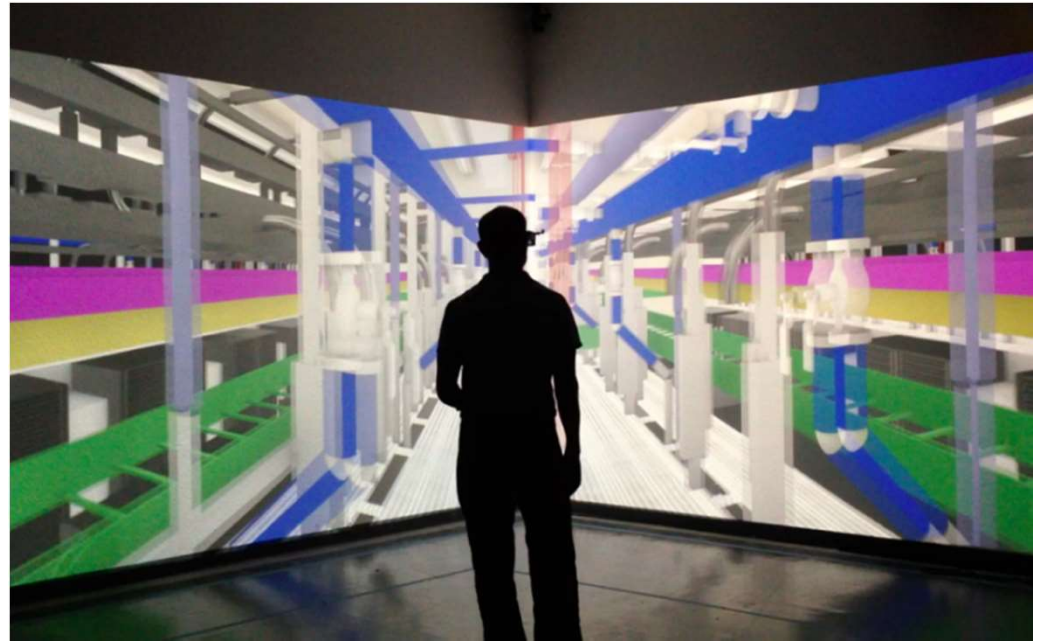
Thời gian: 14h00 ngày 09/3/2016

Địa điểm: Phòng chuyên đề khoa Xây Dựng



Outline of Presentation

- Automation in Construction
- Building & Construction Information Modeling
- Virtual reality and Simulation
- Augmented Reality
- Sensor in Construction





Asst. Prof. Vachara Peansupap , Ph.D.

EDUCATION

- Ph.D. - RMIT University, Australia (2005)
- M.Eng. - Chulalongkorn University, Thailand (1997)
- B.Eng. - King Mongkut's Institute of Technology Ladkrabang, Thailand (1994)

RESEARCH

- Construction Innovation; Knowledge Management; Construction Automation; Productivity Improvement Virtual Reality; Building information modeling (iBIM); Lean Construction; Quality Management; Construction Health and Safety; International Construction; Disaster Management





SELECT PUBLICATIONS

- Laofor C. and Peansupap,V. (2012) "Defect detection and quantification system to support subjective visual quality inspection via a digital image processing: A tiling work case study", *Automation in Construction*, Volume 24, July 2012, pp.160–174, doi:10.1016/j.autcon.2012.02.012
- Peansupap, V. and Walker D.H.T. (2009) "Exploratory Factors Influencing Design Practice Learning Within a Thai Context", *Engineering Construction and Architectural Management*, 16(3), pp.238-253, doi:10.1108/09699980910951654
- Peansupap.V and Walker D.H.T., (2006), "Information Communication Technology (ICT) Implementation Constraints: A Construction Industry Perspective", *Engineering Construction and Architectural Management*, Emerald, UK, 13, (4), pp. 364-379, doi:10.1108/09699980610680171
- Peansupap.V and Walker D.H.T., (2006), "Innovation diffusion at the implementation stage of a construction project: a case study of information communication technology", *Construction Management and Economics*, 24 (3), pp.321-332, doi:10.1080/01446190500435317



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- Peansupap.V and Walker D.H.T. (2005) "Factors Enabling Information and Communication Technology Diffusion and Actual Implementation in Construction Organisations", *Electronic Journal of Information Technology in Construction (ITcon)*, (Paper 2005/15) 10, pg. 193-218, <http://www.itcon.org/2005/14>
- Peansupap.V and Walker D.H.T. (2005) "Diffusion of Information and Communication Technology: A Community of Practice Perspective." Knowledge Management in the Construction Industry: *A Socio-Technical Perspective. IGI Global*, pp.90-111, doi:10.4018/978-1-59140-360-9.ch006
- Peansupap.V and Walker D.H.T. (2005) "Exploratory factors influencing information and communication technology diffusion and adoption within Australian construction organizations: a micro analysis, *Construction Innovation: Information, Process, Management*, 5 (3), pp.135-157, doi:10.1108/14714170510815221
- Peansupap.V and Walker D.H.T. (2005) "Factors affecting ICT Diffusion: A Case Study of Three Large Australian Construction Contractors", *Engineering Construction and Architectural Management*, Emerald, UK, 12 (1), pp.21-37, doi:10.1108/09699980510576871