



## **Ph.D. Lecture**

In partial fulfilment of the terms for obtaining the Ph.D. degree, Yoke-Chin Lai, M.Sc., will give a public lecture on the subject

### **IT in Collaborative Design**

Venue and time for the lecture is

**Aalborg University, Sohngaardsholmsvej 57, 9000 Aalborg, Auditorium F108**  
**Monday, May 22, 2006 at 09.00**

The research has been carried out at the Department of Building Technology and Structural Engineering, Aalborg University, under the supervision of Professor Per Christiansson and Associate Professor Kjeld Svidt.

The members of the assessment committee are: Professor Thomas Kvan, University of Hong Kong, Professor Ghassan Aouad, University of Salford, and Erik Bejder, Associate Professor, Aalborg University

#### **Contents:**

The work is a contribution to how Information and Communication Technology (ICT) can support a more effective knowledge management in the early design phase with special emphasis on capturing and using information and tacit knowledge produced at project design meetings. It is demonstrated how Semantic Web technology is well suited to handle tacit knowledge transfer in web based distributed information environments, within and between projects, and to formalise reasoning conducted in face-to-face meetings by making explicit the meta-knowledge by introduction of Resource Description Framework (RDF) ontologies and metadata in the emerging semantic web.

The lecture will be given in English.

All interested persons are welcome.

Per Christiansson      Kjeld Svidt  
Professor                Assoc. Prof

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