



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

INFORMATION

February 2005

Around the Task Groups and Working Commissions

W065 – Organisation and Management of Construction

Introducing the New Joint Coordinator:



Dr. Kalle Kahkonen

During its meeting that took place in September 2004 in Brussels, the CIB Programme Committee appointed Dr. Kalle Kahkonen as one of the new joint Coordinators of W065 on Organisation and Management of Construction. Below follows a short CV.

Professional Background

Dr. Kalle Kähkönen, works as a chief research scientist at the VTT Building and Transport. He holds degrees from two universities: MSc (Civil Engineering) from the Helsinki University of Technology and Ph.D. from the University of Reading (UK).

He has carried out research and development in numerous areas covering also the implementation of research results in companies as consultancy. Broadly speaking, Kalle Kähkönen's main interests are advanced technology and solutions for modern project management and project business. This is best illustrated by examples of recent projects and achievements:

- VTT Lumeportti - PC Technology based VR-studio in VTT
- Temper System - a computer tool for project risk analysis and management,
- DSM System - a solution and its computer application for complex design process management,
- VPC - Visual Product Chronology. VPC covers visualisations over the various data and their interdependencies in building product modelling system, for example the ongoing building process, analysing and communicating plans and schedules, highlighting the missing or incomplete data (this is also called 4D in several other occasions), see www.e-divercity.com
- The book " Unknown Soldier Revisited – A Story of Risk Management by Artto, K.A., Kähkönen, K. and Pitkänen, P. 2000, published by Project Management Association Finland, Espoo, 114 pages."

Kalle Kähkönen has published over 90 papers both in Finnish and English. The list of publications includes also 23 books or monographs for which Kalle



Kähkönen has contributed as a principal author, co-author or editor. He has organised and implemented numerous symposia, seminars and short courses on project management methods and tools for company people.

Dr. Kähkönen has several professional affiliations including the membership of the board of Project Management Association Finland. Kalle Kähkönen is also a certified Project Management Professional by Project Management Institute.

Education

Doctor of Philosophy - PhD, 1993, Department of Construction Management & Engineering, University of Reading, United Kingdom,
Master of Science, 1986, Department of Civil Engineering, Helsinki University of Technology, Finland

Research Experience

- 2000 - Chief research scientist at VTT Building Technology (RECENT POSITION)
- 1994 - 2000: Senior research scientist at VTT Building Technology.
- 1989 - 1993: Doctoral research programme in the University of Reading (UK)
- 1986 - 1993: Researcher at the Laboratory of Building Economics in the Technical Research Centre of Finland.
- 1984 - 1986: Research assistant at the Laboratory of Building Economics in the Technical Research Centre of Finland.

Editorial Responsibilities with Scientific Periodicals

- Quest editor of special issue on Virtual Reality of Electronic Journal of Information Technology in Construction, 2003, see www.itcon.org
- Quest editor of Project Management Journal; 1998, 1999, 2000, 2001, 2002; look at www.pry.fi
- Member of editorial board of Construction Innovation Journal, a scientific periodical published by Arnold Publishing company
- Reviewer of papers for Journal of Construction Management and Economics

Scientific Awards and Recognitions

- International Scientist of the Year for 2004, International Biographical Centre of Cambridge ICB, England
- Best paper award from the paper titled "Knowledge repository for construction projects - Hype or real solution?" at the Joint

International CIB Symposium "Knowledge Construction", 22-24 October, Singapore

Teaching and Consultancy Experience

- Lecturing experience in academia
- Periodical courses
- Department of Civil Engineering at the Helsinki University of Technology
- Rak-63.330 Operations in International Construction Business; 1998, 2000; Visiting lecturer and assignment instructor on construction risk management
- Department of Industrial Engineering and Management at the Helsinki University of Technology
- TU-22.431 Project Definition and Risk Management; 2000, 2001 and 2002; Organiser and main lecturer the course
- TU-22.432 Management of Uncertainty; 2003, 2004, 2005; Organiser and main lecturer of the course
- Industrial Economics and Management department of Royal Institute of Technology KTH, Stockholm

Additional Information

If you are interested in joining (or making contribution to) W065, please contact: Dr. Kalle Kähkönen kalle.kahkonen@vtt.fi and Dr. Martin Sexton m.g.sexton@salford.ac.uk
You can find more information on the activities of CIB W065 at www.cibworld.nl
Search under Databases/CIB Commissions.
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