

## Doctoral Seminar, Wednesday 25 November, 2015

Organized by:

Graduate Program of Software Systems and Engineering (SoSE)

University of Oulu

Department of Information Processing Science

Paavo Havaksen tie 3, 90570 Oulu, Finland

### Scientific Research in Information Systems

Prof. Jan Recker, Queensland University of Technology, Australia

This course will provide an introduction and overview of scientific research in Information Systems. It will discuss elementary scientific principles of research, explore key decisions around theorizing and research design and discuss challenges in paper writing and publishing

### Preliminary Schedule

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9am – 9.45am: Introduction to Scientific Research Principles in IS

*Coffee Break*

10.15am – 11.45am: Choosing Research Questions and Design

*Lunch Break*

1.15pm – 2.45pm: Theorizing

*Coffee Break*

3.15pm – 4.45pm: Publishing Papers

### Instructor Bio



Jan Recker is Alexander-von-Humboldt Fellow and Full Professor for Information Systems and Retail Innovation at Queensland University of Technology, where he held the inaugural Woolworths Chair of Retail Innovation. His research focuses on process-oriented systems analysis, Green IS and IT-enabled innovation. His research has appeared in MISQ, JAIS, EJIS, JIT, DSS, SJIS, Information & Management, and others. He is Editor-in-Chief of the Communications of the Association for Information Systems, and Associate Editor for the MIS Quarterly.

## **Required Student Readings**

It is assumed that all participating students are familiar with these readings prior to the seminar:

Recker, J. (2012) *Scientific Research in Information Systems: A Beginner's Guide*, Berlin, Germany: Springer

Chapter 2: Information Systems Research as a Science

Chapter 3: The Research Process

Chapter 4: Theorizing

Chapter 6: Writing IS Research Articles