

Doctoral Seminar, Tuesday 24 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

Green Information Systems

Prof. Jan Recker, Queensland University of Technology, Australia

This course will explore research on the development and use of information systems for environmental sustainability. We will explore both the current state of knowledge and open research questions and approaches.

Preliminary Schedule

Tuesday, 24 November 2015

8.15am – 9.45am @L7: Introduction to Green IS (open to Masters-level students)

Coffee Break

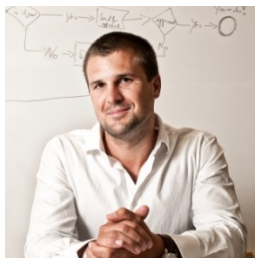
10.15am – 11.45am @L7: Green IT vs Green IS, 1st, 2nd and 3rd order effects (open to Masters-level students)

Lunch Break

1.15pm – 2.45pm @SÄ105: Research Approaches in Green IS

Coffee Break

3.15pm – 4.45pm @SÄ105: Open Research Questions and Critical Assessment of Green IS Research



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 articles prior to the seminar:

- Seidel, S., J. Recker, and J. vom Brocke (2013) "Sensemaking and Sustainable Practicing: Functional Affordances of Information Systems in Green Transformations", *MIS Quarterly* (37)4, pp. 1275-1299
- vom Brocke, J., R. T. Watson, C. Dwyer, S. Elliot, and N. P. Melville (2013) "Green Information Systems: Directives for the IS Discipline", *Communications of the Association for Information Systems* (33)30, pp. 509-520
- Malhotra, A., N. P. Melville, and R. T. Watson (2013) "Spurring Impactful Research on Information Systems for Environmental Sustainability", *MIS Quarterly* (37)4, pp. 1265-1274
- Melville, N. P. (2010) "Information Systems Innovation for Environmental Sustainability", *MIS Quarterly* (34)1, pp. 1-21
- Recker, J. (2016) "Toward A Design Theory for Green Information Systems", in 49th Hawaiian International Conference on Systems Sciences, Kuauai, Hawaii: IEEE,