



ISM SEMINAR

Autumn Term 2014-15

Speaker: Professor Ole Hanseth (Oslo) & Dr Bjørn Erik Mørk (Oslo & IKON)

Title: Practice as Digital Infrastructure

Date: Monday 22 September 2014

Venue: B1.19, WBS, Scarman Road

Time: 14.00

Abstract: The presentation will address issues related to the links between Information Systems research and Practice studies: the relations between working practices and information systems and their impact on each other's dynamics and the discussion about sociomateriality more broadly. We will do so by presenting a case: the emergence of new minimal invasive hearty surgery practises triggered by the development of new medical technology: Transcatheter Aortic Valve Implantation (TAVI). The particular technology includes new artificial aortic valves, catheter based introduction systems, a vast range of digital medical imaging technologies, and more traditional health information systems. We will present the evolution of the TAVI procedure at two hospitals (Oslo University Hospital and Karolinska Hospital in Stockholm). We will analyse the different ways the procedures have developed at these two hospitals by drawing upon emerging theoretical frameworks that have emerged based on research on digital (or information) infrastructures. The use constructs we will be based on Manuel DeLanda's Assemblage Theory. We will also relate Assemblage Theory to the ongoing discourse on sociomateriality and point out the relevance and advantages of Assemblage Theory compared to other alternatives (like e.g. Agential Realism and Actor Network Theory) in the study of the emergence and evolution of sociomaterial practices.

Biography: Ole Hanseth, PhD, is Professor in the Departments of Informatics, University of Oslo. His research focuses mainly on the interplay between social, organizational and technological issues in the development and use of large-scale information systems and infrastructures. Before joining University of Oslo he worked 15 years within applied research and the software industry. He was Visiting Professor at LSE the period 2003-2012.

Bjørn Erik Mørk (PhD) is a postdoctoral fellow at the Department of Informatics, University of Oslo and an Associate Fellow at WBS in the IKON Research Unit. He holds a PhD in organizational sociology from the University of Oslo and wrote his dissertation about challenges with changing practices in hospitals. He is currently involved in several research projects on innovation processes in the healthcare sector, and draws upon practice-based studies in his research.

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This seminar has been organised jointly by the iSM Group & IKON.