

Paper sessions NOKOBIT 2004

Stavanger Forum, Stavanger 29-31 november 2004

MONDAY

---- No paper session ----

THUESDAY

Session 1: Alternative Approaches to ISD (time: 1015 – 1115, place: XX; chair: NN)

This track presents research concerning different alternative methods for the development of information systems. Papers by Dingsøy et al. and Omland & Seljeseth both discuss methods that focus more on informal techniques, creativity and participation than traditional approaches. In the paper by Haraldsen et al. a specific approach for the development of "new" technologies like e-Government Portals is described.

Papers are presented in the following order:

1. *"A workshop-oriented approach for defining electronic process guides - A case study"* by Dingsøy, Moe, Dybå and Conradi
2. *"Skapende teater og utvikling av informasjonssystemer - Likheter og forskjeller i prosess og produkt"* by Omland and Seljeseth
3. *"Developing e-Government Portals: From Life-Events through Genres to Requirements"* by Haraldsen, Stray, Päiväranta and Sein

**Session 2: IS innovation and adaptation (time: 1145 – 1245; place: XX;
chair: NN)**

The broad theme for this track is processes of IS Innovation and Adaptation. The first paper by Bygstad et al. investigates the relationships between business innovation and the use of software development process. Next, Larsen and Sørenbø presents a study aiming at extending the Expectation-Confirmation Model (ECM) of IS continuance intention.

Papers are presented in the following order:

1. "*What is the relationship between software development processes and IT based business innovation? An exploratory study in Norway*" by Bygstad, Fagerstrøm and Østensen
2. "*The Role of Actual IS Utilization Level: Extending the Expectation-Confirmation Model of IS Continuance Intention*" by Larsen and Sørenbø

**Session 3: IS research and issues of collaboration (1345 – 1445; place:
xx; chair: NN)**

This track concerns both research on collaboration within the IS community and research on IT/IS for supporting collaboration (CSCW). The first paper, by Molka-Danielsen empirically explores the relation between the number of registered research works and the level of collaboration among researchers. In the second paper of this track, Skattør et al. develop a framework for understanding mobile computing work among non-office workers as for instance nurses.

Papers are presented in the following order:

1. "Collaborative Research Network: Case Study at Molde University College" by Molka-Danielsen
2. "Mobile work - Mobile ICT Supporting Secondary Work" by Skattør, Hasvold, Berntzen, and Engvig

Panneldebatt: "Forskningsprogram om IKT i offentlig sektor" (time: 1500 – 1600; Place: xx; chair: Arild Jansen)

Panneldebatt (felles NIK - NOKOBIT): "Datasikkerhet: hvor mye er det nok?" (time: 1630 – 1800; place: ;chair: NN)

WEDNESDAY

Session 5: IT infrastructures and standards (time: 0945 – 1045; place: xx; chair: NN)

This track discusses the important topic of IT infrastructures and the related standards and standardization processes. The first paper by Elevoll and Graumann quantitatively investigates the different factors that lead to successful implementation of a broadband infrastructure. Next, the second paper by Skogseid adopts a qualitative approach and focuses on the importance of alignment between local actors in successful development and operation of a local broadband infrastructure. Finally, in her paper, Blechar takes a closer look at a different type of standards (functional standards) for digital rights management in the mobile telecommunications industry.

Papers are presented in the following order:

1. "An empirical investigation of factors influencing success in broadband implementation" by Elevoll and Graumann

2. "Local actors bridging the broadband divides" by Skogseid
3. "The emergence of functional standards: Digital Rights Management standards in the mobile telecommunications industry" by Blechar

**Session 6: IT/IS learning and education (time: 1115 – 1230; place: XX;
chair: NN)**

Also this year, NOKOBIT has a track devoted to issues of learning and education. The first paper to be presented, is a paper written by Godejord, and presents a study of the consequences of using ICTs in high school education. Next, Jaccheri and Østerlie investigate a course syllabus for empirical software engineering education.

Papers are presented in the following order:

1. "IKT skaper både variasjon og læring - De første tanker fra et prosjekt om elevs oppfatning av IKT som læringsverktøy" by Godejord
2. "Empirical Software Engineering Education" by Jaccheri and Østerlie