The Research Council of Norway

# VERDIKT Conference

Programme

3 – 4 November 2009, Olavsgaard Hotel, Oslo

**Large-scale Programmes**

The RCN initiative to meet national research priorities

# **Programme** Tuesday 3 November

| Room | PLENARY ROOM | BALDER | EMBLA |
|---|---|---|---|
| 09:00 – 10:00 | Registration - Poster | | |
| 10:00 – 11:30 | **Opening session** | | |
| 10:00 – 10:30 | **Opening remarks from The Research Council of Norway**<br>*Torbjørn Svendsen, Director VERDIKT's Programme Board*<br><br>**Open remarks from the Ministry of Transport and Communications** | | |
| 10:30 – 11:30 | **Human centric approach in the ICT industry**<br>*Nicola Palmarini, Manager, EMEA Human Centric Solutions Center, IBM* | | |
| 11:30 – 12:00 | **Poster session and coffee** (ASK and FRIGG rooms) *Authors will be available for discussion at their poster* | | |
| 12:00– 13:00 | **Organisational and societal challenges**<br>*Chair: Riitta Hellman* | **Wireless communication**<br>*Chair: Jan Rasmus Sulebak* | |
| 12:00 – 12:20 | **Autonomy and Automation in an 'Information Society for All'**<br>*Tone Bratteteig, University of Oslo* | **Multiuser MIMO Systems for Spectral Efficient Communication in Future Aeronautical Services**<br>*Jawed Rasool, NTNU* | |
| 12:20– 12:40 | **Do Support Systems for EHR ensure Communication and Information Sharing between Patients and Their Care Providers?**<br>*Ann Kristin Rotegård, Rikshospitalet* | **Performance Evaluation of MIMO Interference Channels**<br>*Mariam Kaynia, NTNU* | |
| 12:40 – 13:00 | **CONTACT – Communicating Organizations in Networks of Art and Cultural Heritage Technologies**<br>*Palmyre Pierroux, Intermedia* | **Performance Analysis of Wideband Sum-of-Sinusoids-Based Channel Simulators**<br>*Yuanyuan Ma, University of Agder* | |
| 13:00 – 14:00 | Lunch | | |
| 14:00– 15:00 | **Information systems/eHealth**<br>*Chair: John Krogstie* | **Network/infrastructure**<br>*Chair: Jan Rasmus Sulebak* | **ICT supporting innovation**<br>*Chair: Karlheinz Kautz* |
| 14:00 – 14:20 | **Interruptions from mobile devices in hospitals – Investigations from St.Olavs hospital**<br>*Terje Solvoll, NST* | **Dynamic user-centric IMS client using Widgets**<br>*Do vanThanh, Telenor* | **Ict use in business organizations**<br>*Tonje Osmundsen, NTNU Social Research AS* |
| 14:20 – 14:40 | **Introducing handheld devices bedside – The effects on doctor-patient communication**<br>*Ole Andreas Alsos, NTNU* | **Self-adaptive Scalable Video Coding for Robust Multimedia Streaming Service**<br>*Pengpeng Ni, Simula* | **Bottom-up IT innovation adoption in organizations: Barriers and implications**<br>*Andreas Søyland, NTNU Social Research AS* |
| 14:40 – 15:00 | **Patient trajectory representations in information and planning systems at St. Olavs Hospital**<br>*Tobias Buschmann Iversen, NTNU* | **BGP churn evolution: A perspective from the core**<br>*Ahmed Mustafa A.Elmokashfi, Simula* | **Routinizing innovation**<br>*John Willy Bakke, Telenor* |
| 15:00 – 15:30 | Coffee break | | |
| 15:30 – 16:30 | *Chair: Carsten Griwodz* | | |
| 15:30 – 16:30 | **Demands on Future Internet to Enable Multi-Party 3D Tele-Immersive Environments**<br>*Klara Nahrstedt, Ralph and Catherine Fisher Professor, Department of Computer Science, University of Illinois at Urbana-Champaign* | | |
| 16:30 – 18:00 | **Poster session and coffee** (ASK and FRIGG rooms) *Authors will be available for discussion at their poster* | | |
| 19:30 | **Conference dinner** | | |
| | *Live music by Mostly Harmless, Game-cup and Visual Installations* | | |

# **Programme** Wednesday 4 November

| Room | PLENARY ROOM | BALDER |
|---|---|---|
| 9:00 – 10:00 | **Opening session Day 2**<br>*Chair: Kirsti Kierulf* | |
| 9:00 – 10:00 | **Search: From algorithm research to a foundation for online business and algorithmic user experiences**<br>*Bjørn Olstad, Distinguished Engineer, Microsoft* | |
| 10:00 – 10:30 | **Coffee break** | |
| 10:30 – 11:30 | **Social networks/mobile applications**<br>*Chair: Heidi Austlid* | **Search and retrieval**<br>*Chair: Kirsti Kierulf* |
| 10:30 – 10:50 | **Situated Simulations – An Augmented Reality Genre for Time Travel**<br>*Gunnar Liestøl, University of Oslo* | **Semantic Personalization Framework for Connected Set-Top Box Environment**<br>*Zahid Iqbal, University of Oslo* |
| 10:50 – 11:10 | **Clouds from Africa over the Oslo Opera**<br>*Andrew David Morrison, Intermedia* | **Four Steps towards Useful QBD CBIR Systems**<br>*Lars-Jacob Hove, University of Oslo* |
| 11:10 – 11:30 | **Social media for research and design: The RECORD online Living Lab**<br>*Asbjørn Følstad, SINTEF* | **Merging Search Spaces for Spoken Term Detection**<br>*Timo Mertens, NTNU* |
| 11:30 – 13:00 | **Poster session and coffee (ASK and FRIGG rooms)** *Authors will be available for discussion at their poster* | |
| 13:00 – 14:00 | **Lunch** | |
| 14:00 – 15:00 | **Mobile applications/User experience**<br>*Chair: Alexander Eichhorn* | **Wireless communication/smart environments**<br>*Chair: André Fossen Mlonyeni* |
| 14:00 – 14:20 | **Mobile System Acceptance Model (MSAM)**<br>*John Krogstie, NTNU* | **Coalitional Game Theory for Cooperation in Next Generation Wireless Networks**<br>*Walid Saad, UNIK/University of Oslo* |
| 14:20 – 14:40 | **Compose your own City Guide**<br>*Jacqueline Floch, SINTEF IKT* | **Dynamic biasing for class A/AB power amplifiers**<br>*Juan Felipe, Miranda Medina, NTNU* |
| 14:40 – 15:00 | **A model of user-experience in networked consumer products**<br>*Timo Arnall, Arkitekthøgskolen i Oslo* | **Heartbeat detection using UWB radar**<br>*Øyvind Aardal, Forsvarets forskningsintitutt* |
| 15:10 – 15:30 | **Closing remarks, Award for best posters**<br>*Torbjørn Svendsen, Director VERDIKT's Programme board* | |

**Programme Committee**
John Krogstie, NTNU
Riitta Hellman, Karde AS
Carsten Griwodz, UiO/Simula
Tore Dybå, SINTEF
Alexander Eichhorn, Simula

**About VERDIKT**
The vision of the VERDIKT programme is that Norwegian ICT research will put Norway at the forefront of the development and application of knowledge to enhance interaction, innovation and value creation in the ICT-based network community. The primary objective of the program is to generate and apply new technology and knowledge in the area.

Download programme at:
www.forskningsradet.no/verdikt

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