The Research Council of Norway

VERDIKT Conference 2012

Programme

Clarion Hotel Gardermoen, Oslo, Norway

Large-scale Programmes

The RCN initiative to meet national research priorities

Wednesday April 25th

09:00 – 10:00 **Registration and coffee**

10:00 – 11:30 **Opening session**
Chair: Professor Tanja Storsul, University of Oslo, Chair of the VERDIKT programme board

Room *Luftrommet 3*

Opening remarks
Anne Kjersti Fahlvik, Executive Director, Division of innovation, The Research Council of Norway

Infinite Reality: The Hidden Blueprint of Our Virtual Lives
Jeremy Bailenson, Founding Director, Stanford University's Virtual Human Interaction Lab

11:30 – 12:00 **Poster session with coffee and tea**

12:00 – 13:00 **Value networks tracks**

Room *Luftrommet 3*

Value networks track I
Chair: André Fossen Mlonyeni, The VERDIKT Programme Administration

Using video games to socialize and activate students
Alf Inge Wang, Professor, Norwegian University of Science and Technology

Research opportunities in interactive visual representations
Otto J. Anshus, Professor, University of Tromsø

Amfi

Value networks track II
Chair: Jan Rasmus Sulebakk, The VERDIKT Programme Administration

Meeting the grand challenges with Internet of Things
Ovidiu Vermesan, Chief Scientist, SINTEF ICT

Innovation in security and communications
Stig Frode Mjølsnes, Professor, Norwegian University of Science and Technology

13:00 – 14:00 **Lunch**

14:00 – 15:30 **Parallel sessions**

Room *Luftrommet 3*

Future technology challenges I
Chair: Kristian Gjøsteen, Associate Professor, Norwegian University of Science and Technology.

Tap 2 simplify everyday life
Sigmund Akselsen, Senior Research Scientist, Telenor Digital Services

Resilient Networks
Ahmed Elmokashfi, Post Doc, Simula Research Laboratory

Delay Tolerant Streaming Services
Thomas Peter Plagemann, Professor, University of Oslo

Amfi

The social and public sphere
Chair: Riitta Hellmann, Research Director, Karde AS

Young participation: Social Web for societal involvement
Petter Bae Brandtzæg, Researcher SINTEF ICT

Evicare: A lean infrastructure for clinical decision support
Linn Brandt, Medical Adviser, Sykehuset Innlandet and Øystein Nytrø, Associate Professor, Norwegian University of Science and Technology

Supporting Clinical Work: Insights from the COSTT project
Pieter Toussaint, Professor, Norwegian University of Science and Technology

15:30 – 16:30 **Poster session with coffee and tea**

Room *Luftrommet 3*

16:30 – 17:30 **Understanding the brain through data-driven modeling and simulation: The Human Brain Project**
Jan G. Bjaalie, Professor, Centre for Molecular Biology and Neuroscience and Head of Institute of Basic Medical Sciences, University of Oslo

19:30 **Conference dinner**

Thursday April 26th

08:30 – 09:30 **Opening session**
Chair: Geir Øien, Professor, Norwegian University of Science and Technology

Room *Luftrommet 3*

Research Challenges in Networked Systems
Torsten Braun, Professor, University of Bern

09:30 – 10:00 **Poster session with coffee and tea**

10:00– 11:30 **Parallel sessions**

Room *Luftrommet 3*

Future technology challenges II
Chair: Ahmed Elmokashfi, Postdoctoral Fellow, Simula Research Laboratory

Multilink solutions in heterogeneous networks for increased capacity and robustness
Terje Tjelta, Senior Research Scientist, Telenor Group and Viktor S. Wold Eide, CEO, Lividi

Improving the user experience of multimeda streaming services in highly dynamic environment
Frank Eliassen, Professor, Simula Research Center and University of Oslo

Privacy preserving seemless digital infrastructures
Kristian Gjøsteen, Associate Professor, Norwegian University of Science and Technology

Amfi

Interaction and presentation
Chair: Randi Karlsen, Associate professor, University of Tromsø

Intelligent integration of Social Networks and Advanced 3D Virtual Worlds
Pål Frogner Hansen, Producer, Funcom

New forms of technology-enhanced learning experiences in and across school and museum settings
Hans Christian Arnseth, Associate Professor, University of Oslo

Musicking with smart things
Jo Herstad, Associate Professor, University of Oslo

11:30 – 12:30 **Lunch**

12:30 – 13:30 **Poster session with coffee and tea**

13:30 **Plenum Session**
Chair: Aage Jostein Thunem, Executive Vice President , SINTEF and member of the VERDIKT Programme Board

Room *Luftrommet 3*

13:30 – 14:00 **Programming, mathematics and juggling**
Roger Antonsen, Senior lecturer, Informatics, University of Oslo

14:00 – 15:00 **Research in ICT: What we should do, and why it matters**
Olav Lysne, Head of the NetSys Department, Simula Research Laboratory and Professor, University of Oslo

15:00 – 15:30 **Closing session**

Room *Luftrommet 3*

Award for best poster
The VERDIKT Programme Board

Closing remarks
Professor Tanja Storsul, University of Oslo, Chair of the Verdikt Programme Board

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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