

Program for NIK-NOKOBIT-NISK 2013

Mandag 18. november			
Universitetet i Stavanger			
10:00 – 12:00	Styremøte COINS Rom AR-Ø211		
11:30 – 12:30	Registrering ved hovedinngangen til Arne Rettedals hus Lunsj for møtedeltakerne i SIS kantina i Arne Rettedals hus		
12:30 – 13:45	Styremøte NOKOBIT Rom AR-Ø211	Styremøte NIK Rom AR-Ø212	FRISC-AU-Møte Rom AR-Ø213
13:45 – 14:00	Pause		
14:00 – 14:30	Felles styremøte for de tre konferansene Rom AR-Ø130		
14:30 – 17:00	Møte NFIV Rom AR-Ø211	NIK tutorial , Rom AR-Ø130 Programmeringskonkurranser som undervisningsform. Martin Vatshelle, Post-doc, Algoritmer, UiB Tutorial varer ca. 1 time	Møte NFFI Rom AR-Ø213
			NISK Tutorial , rom AR-V208 Search Algorithms for Intrusion Detection Slobodan Petrovic NISlab, Department of Computer Science and Media Technology, Gjøvik University College Tutorial varer 2-3 timer
19:00	Middag på Rica Forum Hotell Stavanger		

Tirsdag 19. november

Stavanger Forum

08:00 – 08:45	Registrering , Rica Forum Hotell Stavanger		
08:45 – 09:00	Åpning (Rom: Halten) John Håkon Husøy, Prodekan for forskning på det teknisk-naturvitenskapelige fakultet, Universitetet i Stavanger.		
09:00 – 10:00	Keynote NOKOBIT (Rom: Halten) Sonja C. Indrebø, CIO Statoil: Statoils IT-strategi i lys av globale utfordringer		
10:00 – 10:30	Pause		
10:30 – 12:00	NIK1: Sosiale Nettverk / Social Networks (Rom: Halten) Session Chair: NN Einar J. Holsbø, Phuong H. Ha and Otto J. Anshus: The Big Digger & Puzzler System for Harvesting & Analyzing Data from Social Networks Eirik Stavelin: The Pursuit of Newsworthiness on Twitter Hugo Hammer, Alfred Bratterud and Siri Fagernes: Crawling JavaScript websites using WebKit – with application to analysis of hate speech in online discussions Vera Barstad, Vladimir Shulgin, Morten Goodwin and Terje Gjøsæter: Towards a Collaboration Code Review Plugin (Short paper)	NOKOBIT 1: Utviklingsmetoder / Development methods (Rom: Kvitsøy) Session chair: NN Bendik Bygstad, Anne Lise Waal: The Secret World of Agile Development Discussant: NN Eivind Brevik, Tor-Morten Grønli: The Scrum Illusion: Use of Software Development Methods in the Norwegian IT-Industry Discussant: NN Hans Olav Omland: Understanding and Reflecting on Changes in Systems Developers' Competence: A Suggested Research Approach Discussant: NN	NISK1 (Rom: Utsira) Session Chair: NN Kirsi Helkala and Nils Kalstad Svendsen: Analysis of Norway's Cyber and Information Security Strategy Kashif Habib and Wolfgang Leister: Adaptive Security for the Internet of Things Reference Model Pankaj Pandey and Einar Snekkenes: A Framework for Comparison and Analysis of Information Security Investment Models
12:00 – 13:00	Lunsj i 21. etasje Rica Forum Hotell Stavanger		
13:00 – 14:00	Keynote NIK (Rom: Halten) Sape Mullender, Director of the Network Systems Laboratory at Bell Labs Antwerp: Wait-free concurrent applications		

14:00 – 14:15	Pause			
14:15 – 15:45	<p>NIK2: Datahåndtering / Data Management (Rom: Halten) Session Chair: NN</p> <p>Magnus Lie Hetland and Ola Martin Lykkja: A Real-Time Spatial Index for In-Vehicle Units</p> <p>Martin G. Skjæveland and Espen H. Lian: Lessons Learnt from Publishing the Norwegian Petroleum Directorate's FactPages as Linked Open Data</p> <p>Richard Moe and Dag Elgesem: Compact trie clustering for overlap detection in news</p>	<p>NOKOBIT2A: Lokale og regionale anvendelser / Local and Regional Applications (Rom: Dyna) Session chair: NN</p> <p>Grete Netteland: Kommunale nettsider - innvandrarfri sone? Diskutant: NN</p> <p>Arild Jansen: ICTs as Means for Rural Development- is it still so? Discussant: NN</p> <p>Bjørnar Tessem: Supporting Risk Assessment of Irregular Fishery Activities with Bayesian Networks Discussant: NN</p>	<p>NOKOBIT2B: Sosiale verktøy / Social applications (Rom: Kvitsøy) Session chair: NN</p> <p>Jo Wake, Frode Guribye, Barbara Wasson: The Design and Evaluation of Tools for Creating Mobile, Location-Based Games and Experiences Discussant: NN</p> <p>Judith Molka-Danielsen et al.: Teaching Threshold Concepts in Virtual Reality: Exploring the Conceptual Requirements for Systems Design Discussant: NN</p> <p>John Krogstie, Nafiseh Shabib: A Conceptual Framework for Application of Group Recommendations Techniques in Information Systems Discussant: NN</p>	<p>NISK2 (Rom: Utsira) Session Chair: NN</p> <p>Ambika Shrestha and Katrin Franke: Author Identification from Text-based Communications: Identifying generalized features and computational methods</p> <p>Yi-Ching Liao and Hanno Langweg: A Survey of Process Activity Tracking Systems</p> <p>Waqas Aman: Modeling Adaptive Security in IoT Driven eHealth</p>

15:45 – 16:00	Pause		
16:00 – 18:00	<p>NIK3: Pedagogikk / Teaching Computer Science (Rom: Halten) Session Chair: NN</p> <p>Anca Deak and Guttorm Sindre: Analyzing the importance of teaching about testing from alumni survey data</p> <p>Tom Heine Nätt, Christian F Heide and Monica Kristiansen: Myter og sannheter om årsaker til studenters prestasjoner i programmering</p> <p>John Markus Bjørndalen: Counting publications - Journals vs. Conferences in Computer Science</p> <p>Alexander Hoem Rosbach and Anya Helene Bagge: Classifying and Measuring Student Problems and Misconceptions</p> <p>Hanno Langweg: Presentasjon av COINS forskerskole</p>	<p>NOKOBIT3: Informasjonsinfrastruktur / Information infrastructure (Rom: Kvitsøy) Session chair: NN</p> <p>Devinder Thapa, Moutaz Haddara: Long-Term Preservation of 3D Architectural Building Data: A Literature Review Discussant: NN</p> <p>Torbjørn Meum, Bjørn Erik Munkvold: Evolving Information Infrastructure for Emergency Management Discussant: NN</p> <p>NOKOBIT generalforsamling (Rom: Kvitsøy eller Dyna)</p>	<p>NISK3 (Rom: Utsira) Session Chair: NN</p> <p>Antorweep Chakravorty, Tomasz Wiktor Wlodarczyk and Chunming Rong: A MapReduce based K-Anonymization Solution for Sharing of Smart Home Data</p> <p>Gaute Wangen and Einar Snekkenes: A Taxonomy of Challenges in Information Security Risk Management</p> <p>Shuwen Duan, Stig Mjolsnes and Joe-Kai Tsa: Security Analysis of the Terrestrial Trunked Radio (TETRA) Authentication Protocol</p> <p>Andrii Shalaginov and Katrin Franke: Automatic rule-mining for malware detection employing Neuro-Fuzzy Approach</p>
19:00	Avreise med buss fra Rica Forum Hotell Stavanger til Oljemuseet		
19:30 – 20:30	Omvisning på Oljemuseet		
20:30 – 23:30	Konferansemiddag på Bølgen og Moi rett ved Oljemuseet		

Onsdag 20. november

Stavanger Forum

08:45 – 09:00	Registrering , Rica Forum Hotell Stavanger		
09:00 – 10:00	Keynote NISK (Rom: Halten) Dr Jens Jensen, Rutherford Appleton Laboratory: Supporting cloud research with secure infrastructures – bridging the gaps		
10:00 – 10:30	Pause		
10:30 – 12:00	NIK4: Distribuerte Systemer, Cloud Computing / Distributed Systems, Cloud Computing (Rom: Halten) Session Chair: NN Bjørn J Villa, Katrien De Moor, Poul Heegaard and Anders Instefjord: Investigating Quality of Experience in the context of adaptive video streaming: findings from an experimental user study Siri Fagernes and Alva L. Couch: On Cooperation Versus Competition Between Autonomous Resource Management Agents Gaute Borgenholt, Kyrre Begnum and Paal Engelstad: Audition: a DevOps-oriented service optimization and testing framework for cloud environments Bjarte Kileng and Boris Wagner: Dynamic virtualization tools for running ALICE grid jobs on the Nordic ARC grid (Short paper)	NOKOBIT4: Education and learning (Rom: Kvitsøy) Session Chair: NN Wanda Presthus: Knowledge Infrastructure in Action. The Case of Business Intelligence in Higher Education Discussant: NN Sarfraz Iqbal: Applying the Analytical Lens of Constructive Alignment and Conversational Framework for Course and e-Learning Platform Development Discussant: NN Jens Kaasbøll: A Three-Level Content Model of Learning IT Use Discussant: NN	NISK4 (Rom: Utsira) Session Chair: NN Sigurd Eskeland: A space-efficient multi-receiver public key algorithm Åsmund Ahlmann Nyre and Martin Gilje Jaatun: Risk perception and intention to utilize usage control settings on Facebook
12:00 – 13:00	Lunsj i 21. etasje Rica Forum Hotell Stavanger		

13:00 – 14:30	<p>NIK5: Diverse (Rom: Halten) Session Chair: NN</p> <p>Tor Helleseeth and Øyvind Ytrehus: Personnummerering i Norge: Litt anvendt kodeteori og økonomi</p> <p>Raimena Veisllari, Steinar Bjørnstad, Kurosh Bozorgebrahimi and Norvald Stol: Providing Ethernet Circuit Quality of Service and High Bandwidth Efficiency through Fusion Networking</p> <p>Hans Georg Schaathun and Magne Aarset: Operational planning in state machines</p> <p>Joanna Bauer: Computing Near-Optimal Array Cable Layouts for Offshore Wind Farms, including Cable (Short paper)</p>	<p>NOKOBIT5: Planlegging og ledelse / Planning and management (Rom: Kvitsøy) Session Chair: NN</p> <p>Frode Randers, Ingemar Andersson, Mari Runardotter, Jörgen Nilsson, Tero Päiväranta: Inherent Problems in Cooperative Planning for Future Access to Information Discussant: NN</p> <p>Jon Iden, Martin Andestad, Hans-Christian Grung-Olsen: Prosessledelse og innovasjon: En litteraturstudie Diskutant: NN</p> <p>Per-Jørgen Dam-Nilsen, Ragnvald Sannes, Dan Vigeland: Er "teknisk gjeld" en hensiktsmessig metafor? Diskutant: NN</p>	<p>FRISC & COINS PhD Seminar (Rom: Utsira eller Dyna)</p>
14:30 – 18:00	Avreise		