

# Program for NIK-NOKOBIT-NISK 2013

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

## Tirsdag 19. november

Stavanger Forum

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

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

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

## Onsdag 20. november

Stavanger Forum

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

13:00 – 14:30	<p><b>NIK5: Diverse</b> (Rom: Halten) Session Chair: Hein Meling</p> <p>Tor Helleseeth and Øyvind Ytrehus: <b>Personnummerering i Norge: Litt anvendt kodeteori og økonomi</b></p> <p>Raimena Veisllari, Steinar Bjørnstad, Kurosh Bozorgebrahimi and Norvald Støl: <b>Providing Ethernet Circuit Quality of Service and High Bandwidth Efficiency through Fusion Networking</b></p> <p>Hans Georg Schaathun and Magne Aarset: <b>Operational planning in state machines</b></p> <p>Joanna Bauer: <b>Computing Near-Optimal Array Cable Layouts for Offshore Wind Farms, including Cable</b> (Short paper)</p>	<p><b>NOKOBIT5: Planlegging og ledelse / Planning and management</b> (Rom: Kvitsøy) Session Chair: Grete Netteland</p> <p>Frode Randers, Ingemar Andersson, Mari Runardotter, Jörgen Nilsson, Tero Päiväranta: <b>Inherent Problems in Cooperative Planning for Future Access to Information</b> Discussant: Jo Wake</p> <p>Jon Iden, Martin Andestad, Hans-Christian Grung-Olsen: <b>Prosessledelse og innovasjon: En litteraturstudie</b> Diskutant: Ann-Kristin Elstad</p> <p>Per-Jørgen Dam-Nilsen, Ragnvald Sannes, Dan Vigeland: <b>Er "teknisk gjeld" en hensiktsmessig metafor?</b> Diskutant: Frode Randers</p>	<p><b>FRISC &amp; COINS PhD Seminar</b> (Rom: Utsira)</p>
14:30 – 16:00	<p><b>Avreise</b></p>		<p><b>FRISC &amp; COINS PhD Seminar</b> (Rom: Utsira)</p>