

Call for Participation



3rd Innovation in Information Infrastructures (III) Workshop

13th – 16th October 2014

University of Oslo, Norway

Today's ICT solutions are becoming increasingly complex, inter-dependent and large-scale. ICTs are no longer developed and managed as stand-alone and monolithic systems, but are built and implemented as parts of something larger. Today's challenges are not about decomposing complicated requirements and deriving optimal technical designs, but grappling with the technological and organisational complexity that emerges from the heterogeneity of systems, actors involved, and the lack of control over other systems and components. These changes and the associated technological, social and organizational challenges continue to urge the need to deepen our understanding, and thus study, conceptualize and further theorise ICTs as Information Infrastructures (II) rather than as small-scale and stand-alone Information Systems.

Building on the previous innovation in information infrastructures workshops (in 2006/2012 in USA and Edinburg), this workshop will focus on the broad range of information infrastructures in our society. The previous workshops thematically focused on visions of the future, knowledge infrastructures and how information infrastructures and related social, organizational and market forms innovate. Continuing these debates, this third workshop will particularly focus on theorising information infrastructures and ask how the complexity of information infrastructures challenges research methodologies. The project of theorising information infrastructures has over the last two decades helped to promote a shift in focus from standalone systems to large scale, complex information infrastructures. But we still need to mature our concepts and theories on e.g.: 1) processes of information infrastructure development and innovation; 2) evolutionary architectures and architecting, and 3) governance and control. We have also only seen the start of the maturing of methodological approaches taking into account the scale, scope and evolution of information infrastructures (such as Biography of Artefacts).

At the University of Oslo, the focus of information infrastructure studies and conceptualisations has primarily been the health domain. But solid information infrastructure concepts and sound methodological approaches must take into account the much broader nature of the information infrastructure phenomena. Thus, we call for contributions based on empirical research in *any* setting, such as for example social media, aviation and transportation, banking, cloud computing and the internet of things. And we encourage new forms of information infrastructures emerging, such as ecosystems, digital platforms and architectures (e.g. SOA).

Keynotes:

Kalle Lyytinen

David Ribes

Jannis Kallinikos

Papers accepted for presentation:

Generative Information Infrastructure: The Coming of Lightweight IT	<i>Bendik Bygstad</i>
Infrastructures and the circulation of agency: Lessons from designing European e-justice systems	<i>Francesco Contini and Giovan Francesco Lanzara</i>
Design Guidelines for Adoption of an Electronic Data Pipeline Information Infrastructure in the Global Supply Chain Over Sea	<i>Arjan Knol, Thomas Jensen, Yao-hua Tan and Niels Bjørn Andersen</i>
Could constructive empiricism be more useful than critical realism as a foundation for action research on information infrastructure development	<i>Petter Øgland</i>
Cultivating Software Platforms in Organizations: A case study of a SharePoint-based digital infrastructure in a global company	<i>Knut Rolland</i>
Bootstrapping as the emergence of phenomena and the information infrastructure	<i>Elena Parmiggiani</i>
Innovation and Derivative Mutation of a Video Game Digital Platform	<i>Alexander Chekanov, Joan Rodon and Светлана Хомич</i>
Digital Platforms As The Basis Of Business Development: The Case Of Amazon.Com	<i>Andrea Resca and Paolo Spagnoletti</i>
MyRecord – between infrastructures	<i>Miria Grisot, Xenia Vassilakopoulou and Margunn Aanestad</i>
Inter-organizational collaboration to develop patient-centered services	<i>Anne Thorseng and Tina Blegind Jensen</i>
Impact of Network Externalities on Digital Infrastructure Adoption and Assimilation: The Case of IPv6	<i>Awinder Kaur and Harminder Singh</i>
Social Media as infrastructure of consumption: a semiotic approach	<i>Cristina Alaimo</i>
Knowledge Infrastructure: The impact of spectrum management towards wireless innovation	<i>Vicky Vilsy, Ian Graham and Tony Kinder</i>
Designing Information Infrastructure for Electronic Government-to-Business Services: a Relational Approach	<i>Hashan Hashim, Jonathan Foster and Angela Lin</i>
Digitalization and the transformation of contemporary work and organizing	<i>Thomas Østerli</i>
Not all Platforms are Born Equal: Towards an Understanding of Digital Platforms	<i>David Tilson, Carsten Sørensen and Kalle Lyytinen</i>
On becoming an Information Infrastructure: The interplay between technology mental models and institutional factors	<i>Amany Elbanna, Henrik Linderoth</i>
Cultivating novelty in patient-healthcare provider communication: an effectuation perspective	<i>Miria Grisot, Xenia Vassilakopoulou and Margunn Aanestad</i>
Innovation and emergence in infrastructure evolution: the case of Helsenorge.no and the Health Archive	<i>Miria Grisot, Xenia Vassilakopoulou and Margunn Aanestad</i>
The Internet of Things as Spaces of Generativity in Digital Infrastructures	<i>Ben Eaton, Ola Henfridsson, Youngjin Yoo and Carsten Sørensen</i>
Infrastructural implosion: a case study of the making of a generic platform as the local specification of generic infrastructural software solutions.	<i>Klara Benda</i>
Innovation In Norwegian eGovernment Information Infrastructure	<i>Arild Johan Jansen</i>
Infrastructural Entrepreneurship in interoperability projects: the case of healthcare and social care information systems integration	<i>Gian Marco Campagnolo</i>
Information infrastructures and the audit society	<i>Petter Almklov</i>
Information Infrastructure Architecting	<i>Petter Nielsen and Johan Sæbø</i>
Pilot Implementations as an Approach to Infrastructure: Experiences from Two Cases Within Healthcare	<i>Maria le Manikas and Arnvør Martinsdóttir á Torkilsheggi</i>

Program

	Monday 13 th	Tuesday 14 th	Wednesday 15 th	Thursday 16 th	
09:00 – 09:30	PhD-consortium		Keynote 2	Keynote 4	
09:30 – 10:00					
10:00 – 10:30		Registration	Session 5	Session 6	Session 9
10:30 – 11:00					Session 10
11:00 – 11:30		Welcome		Coffee break	Coffee break
11:30 – 12:00					
12:00 – 12:30		Keynote 1		Keynote 3	Summing up/panel
12:30 – 13:00					
13:00 – 13:30		Lunch		Lunch	
13:30 – 14:00					
14:00 – 14:30		Session 1	Session 2	Session 7	Session 8
14:30 – 15:00					
15:00 – 15:30		Coffee break		Coffee break	
15:30 – 16:00					
16:00 – 16:30		Session 3	Session 4	Panel	
16:30 – 17:00					
17:00 – 19:00		Reception			
19:00 – 23:00			Dinner		

Important dates

Final program available:	September 25 th 2014
Deadline for registration:	October 1 st 2014
Workshop:	October 13th to 16th 2014

Other details

Please visit the workshop website for updated information:

<http://www.mn.uio.no/ifi/english/research/news-and-events/events/conferences-and-seminars/iiios2014/>

Workshop Committee

Ole Hanseth (University of Oslo)	Ola Henfridsson (Warwick Business School)
Joan Rodon Mòdol (ESADE Business School)	Eric Monteiro (NTNU)
Petter Nielsen (University of Oslo)	Johan Sæbø (University of Oslo)
Carsten Sørensen (LSE)	