



N4C FINAL CONFERENCE

Future Internet Learning from Experience

You are cordially invited to the N4C Final Conference – an internet event open for your online participation from home, travel or office

Date: 14 April 2011 at 10:00–14:00 and 15.00–20:00 CET
Platform: Adobe® Acrobat® Connect™ Pro Meeting

Register for access and participation: send an email with subject "FILE registration" to caroline.wamala@ltu.se. You will then receive the conference link shortly before the event.

ABOUT N4C

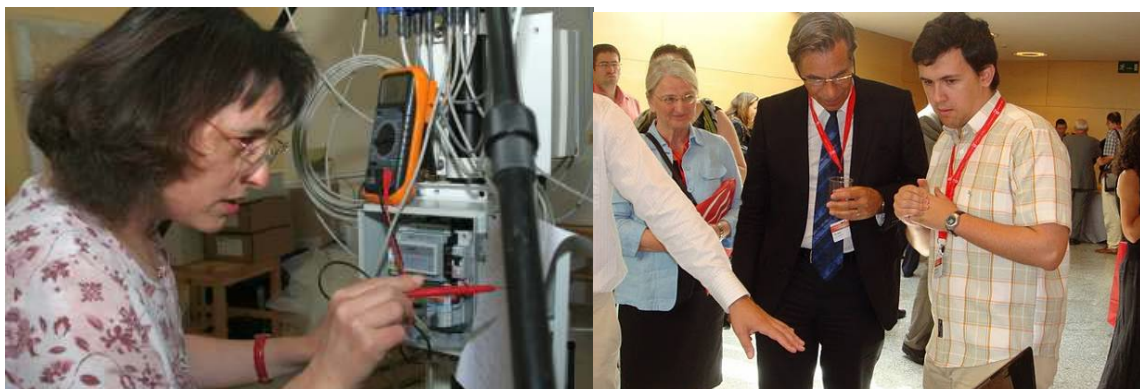
The Networking for Communications Challenged Communities (N4C) project is funded from **May 2008 to April 2011** from the Future Internet Research and Experimentation (**FIRE**) initiative in the [European Union Seventh Framework Programme](#). The consortium consists of twelve partners in eight European countries. Together the partners have been looking at ways to extend Internet access to remote regions that do not have reliable and affordable network access today. There are many locations in the world that are not within reach, or at least not within affordable reach, of the optical fibres, copper cables, radio waves or even satellite links that make up the physical infrastructure of the world's networks. Currently, being unable to reach this physical infrastructure precludes a user from accessing any of the Internet's services. Our take on this problem has been to use novel technologies to exploit new communication opportunities.

A key role in N4C is played by the emerging **Delay and Disruption Tolerant Networking (DTN) technology**. Another key factor which has been researched in N4C is the **air-interface technologies** for the purposes of remote and communications challenged areas.

A central means for our strategy has been to set up test beds in two communications challenged areas in Europe, where the Consortium has had the opportunity to put the research and development results to trial in real life tests and networking experimentation. The **test beds** have been situated in

- **Swedish Lapland**
- **Kocevje in Slovenia**

The Consortium members are: Luleå tekniska universitet, Sweden (Coordinator); Alcantara Systems, S.A. and Universidad Politécnica de Madrid in Spain; Intel Performance Learning Solutions Ltd. and Trinity College Dublin in Ireland; Northern Research Institute Tromsø AS, Norway; ITTI Ltd., Poland; Instituto Pedro Nunes, Portugal; MEIS storitve za okolje d.o.o., Slovenia; Power Lake AB and Tannak AB, Sweden; Folly Consulting Ltd., U.K



14 April 2011 10:00–14:00 and 15.00–20:00 CET

Programme outline – Updated versions posted at www.n4c.eu
Future Internet Learning from Experience (FILE)

Introductory notes	Ewa Gunnarsson Professor, Luleå University of Technology, Sweden Avri Doria Independent consultant based in USA, and Professor at LTU
Keynote Speakers	Antonio Dias de Figueiredo Independant Consultant, Portugal Patrik Fältström Distinguished Consulting Engineer, CISCO, Sweden Kurt Aagard Nielsen Professor, Roskilde University, Denmark
From N4C	The conference theme refers to two aspects of the N4C work. One aspect is the experimental character of N4C, and the field tests in remote locations in Sweden and Slovenia. We have combined this approach with more established methods, to gain experience and feedback to our technical designs, but also as means to evaluate and rethink taken for granted methodologies. Secondly, N4C is one among a tradition of projects with an explicit agenda of socio-economical goals intrinsic in technical development. From the overall architecture to details such as the development of applications prototypes and in the choice of open source as platform, we have aimed at being useful for communications challenged communities in particular. These aspects will be portrayed in the N4C presentations that will be broadcast directly from Partners' locations , and we invite your questions and ideas in respect to our ideas and results.
Video Launch	A highlight is the launch of a video with Dr. Vinton G. Cerf . Dr. Cerf was one of the main discussants during the preparatory and proposal writing stages of the application to the EU FP7 call. In the video he will communicate his take on the N4C progress and results
Posters	Posters, including a digital diary from winter testing of reindeer tracking applications, will be available a week prior to the conference, via the N4C home page www.n4c.eu and wiki http://wiki.n4c.eu/
Your participation	The conference link will be provided to you by e-mail, from where you will be able to follow the presentations and discussions. The technical platform allows Your participation through chat. Comments and questions are forwarded to the speakers and the Chat editor will periodically summarize the chat
Conference chair	Maria Udén N4C Project manager, Luleå University of Technology.
Chat editor	Caroline Wamala , PhD, Luleå University of Technology (LTU)
For enquiry	Questions? Please contact Dr. Udén at: maria.uden@ltu.se or Dr. Wamala at: caroline.wamala@ltu.se
www.n4c.eu	Details and updated programme to be regularly posted at www.n4c.eu



ABOUT THE SPEAKERS

Ewa Gunnarsson Chair of the Division Gender and Innovation at LTU represents the conference organizer and contributes with her unique experience from gender mainstreaming in knowledge organizations. Since the early 1980's Professor Gunnarsson is a recognised pioneer for using interactive methodology for ICT development.

Vinton G. Cerf is known as the "Founding Father of the Internet". With Robert Kahn he co-designed the TCP/IP protocols and the basic Internet architecture. Dr. Cerf founded and led the Internet Society and later, as Chair of ICANN and in other positions he has continued being an essential contributor to the internet's global development.

Avri Doria With merits from ICANN and known as spokesperson for the civil society in the Working Group on Internet Governance and later in the Internet Governance Forum, Avri Doria combines technical and governance expertise. Visiting at LTU in 2002 she launched the architecture idea which started the process presently represented by N4C.

Antonio Dias de Figueiredo is a renowned expert on IT in Learning & Education and the Socio-Technical Sustainability of Business, Innovation, Education, and IT. Former Professor of Informatics and Information Systems, University of Coimbra and Chair of PROMETEUS, he has developed advanced initiatives with UNESCO, NATO, and OECD.

Patrik Fältström Distinguished Consulting Engineer, CISCO, is globally known for his work on the Internationalized Domain Names (IDN) and other measures where technical design is made to facilitate cultural diversity and equal access. In his native country he is known as one in the people that realized the core national infra structure for the internet.

Kurt Aagard Nielsen represents expertise in the field of democracy, participation, and knowledge society development strategies. A sociologist by training, Dr. Aagard Nielsen is presently a Professor at Environmental, Social and Spatial Change at Roskilde University. His recent publications include 'A New Agenda for Sustainability' from 2010.
