

## TESTING HAS STARTED!

*If you have met some researchers with test equipment up in the fells - they most probably were members of the N4C team.*

*The fieldwork in the EU-funded project on Delay Tolerant Network has begun. The summer tests start on 4 August 2008 and finish 15 August 2008.*

But the project N4C (*Networking for Communications Challenged Communities: Architecture, Test Beds and Innovative Alliances*) started 1 May 2008. N4C is funded by the European Commission's Seventh Framework Programme and coordinated by Luleå Technical University (LTU). N4C has 3,650 milj. euro in its three-year budget.

LTU, Department of Human Work Sciences, in cooperation with the Universidad Politécnica de Madrid in Spain and Trinity College in Dublin, Ireland, will carry out the research. The goal is broadband solutions for challenged communities that do not have access today to DSL, satellites or 3G. The technological solution to be developed is Delay Tolerant Network (DTN).

One testplace is located in Lapponia in the north of Sweden and the other in the Kočevje region on the Slovenian mountain. The summer field research will test possibilities to gain access to Internet with DTN.



**Welcome to test access to Internet with Delay Tolerant Network!**

**Test places are:**

**TEST WEEK 1:**

**4 August—8 August 2008  
in Saltoluokta.**

**Ask at the tourist office for more information.**

**TEST WEEK 2:**

**11 August —15 August  
2008 in Staloluokta. Ask at  
the tourist office for more  
information.**



N4Cs system architect professor Avri Doria, LTU. Magnus Kindvall and Jan Lindblom.

**Participating organizations**

**Luleå University of Technology (LTU), Sweden**

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**Albentia Systems, S.A., (ALBENTIA), Spain**

Contact person: Mr. Pablo Vila

**Universidad Politécnica de Madrid (UPM), Spain**

Contact person: Dr. Santiago Zazo Bello

**Intel Corporation, Leixlip, Co. Kildare, Ireland**

Contact person: Mr. Shane Brodie

**Trinity College Dublin, Ireland**

Contact person: Dr. Stephen Farrell

**Northern Research Institute Tromsø AS,  
(NORUT), Norway**

Contact person: Mr. Sigurd Sjørusen

**ITTI Sp. z o.o. (ITTI), Poland**

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**Instituto Pedro Nunes, (IPN), Portugal**

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**MEIS storitve za okolje d.o.o., (MEIS), Slovenia**

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**TANNAK AB, Jokkmokk, Sweden**

Contact person: Ms. Susanne Spik and Ms. Karin Kuoljok

**Power Lake AB, (PLAB), Sweden**

Contact person: Ms. Barbro Fransson

**Folly Consulting Ltd, (FOLLY), Great Britain**

Contact person: Mr. Elwyn Brian Davies



Magnus Kindvall and Samo Grasic set up the equipment.



**Networking for Communications  
Challenged Communities:**

**Architecture, Test Beds and  
Innovative Alliances** aims to develop  
and test a broadband network with use  
of Delay and Disruption Tolerant  
Networking (DTN) and evolve a test bed  
for applications in challenged areas in

- Swedish Lapland
- Kočevje region on Slovenian mountain

Carry out application tests on

- Animal tracking (reindeers)
- Hikers (PDA-application)
- Meteorological data

N4C is funded with 3,650 milj. Over three years.

LTU is the coordinator for the partnership. N4C is funded by the European Commission's Seventh Framework Programme.