

Information and Communication Technology in the Arctic:
*Opportunities and Obstacles for Sustainable Development,
Education and Telemedicine*

An International Conference of the Arctic Council
Akureyri, Iceland, 20–21 October, 2003

Final Program and Agenda

Sunday – 19 October

Location: Hotel KEA

- 18:00 – 21:00 Registration
- 20:00 Reception
- Welcome remarks from Kristjan Thor Juliusson, Mayor of Akureyri

Monday – 20 October

Location: University of Akureyri, Oddfellow House.

- 08:00 Buses depart Hotel KEA to the Oddfellow House
- 08:15 Registration
- 09:00 – 12:00 Plenary Session**
- Chair: Vilhjalmur Ludviksson, Secretary to the Science and Technology Policy Council, Ministry of Education, Science and Culture, Iceland
- 09:00 **Opening**
- Valgerdur Sverrisdottir, Minister of Industry and Commerce, Iceland
- 09:15 **Keynote presentation**
- Svein Ludvigsen, Minister for Nordic Cooperation, Norway
- 09:35 Nancy Soreide, Associate Director for IT, NOAA/PMEL/OD, USA
- Potential of advanced Information Technology to transcend barriers to communication and cooperation in the Arctic*
- 09:55 Ivan Kurnosov, Deputy Director, Department for Informatization, Russian Ministry of Communications, Russia
- The current situation with regard to ICT and the future perspective for ICT application for capacity-building in the Russian Arctic*

10:15	Coffee break	
10:35	<u>Lasse Jyrkinen</u> , Managing Director, Neagen Oy, Finland <i>A telemedicine business case: radiology service provider</i>	
10:55	<u>Lois Edge</u> , Research and Policy Officer, National Aboriginal Health Organization, Canada <i>Knowledge as a community resource: knowledge-based strategies and capacity building in aboriginal health in Canada</i>	
11:15	Discussion	
12:00	Buses depart the Oddfellow House to the restaurant	
12:10	Lunch at Greifinn Restaurant	
13:20	Buses depart the restaurant to the Oddfellow House	
13:30 – 17:00	Parallel Session A: Distance Education	Parallel Session B: Telemedicine
	Chair: <u>Klavdia Fedorova</u> , Director, Office of International Relations, Sakha State University, Russia	Chair: <u>Thorvaldur Ingvarsson</u> , Medical Director, University Hospital, Akureyri, Iceland
13:30	<u>Steve Smith</u> , Chief Information Technology Officer, University of Alaska, USA <i>Technological perspective on infrastructure needs in distance education in the Arctic</i>	<u>Steinar Pedersen</u> , Director, Norwegian Centre for Telemedicine, Norway <i>Experience from using telemedicine for planning the national healthcare</i>
13:50	<u>Ingegerd Palmer</u> , Rector of the Luleå University of Technology, Sweden <i>The overview of the current situation with regard to the use of ICT in distance education in an arctic context</i>	<u>Boris Kobrinski</u> , Director, Medical Centre for New IT, Moscow Research Institute for Pediatrics & Child Surgery, Russia/ <u>Matvey Nikolaev</u> , Director, Sakha Centre for Telemedicine, Russia <i>Experience from telemedicine in Northern regions of Russia</i>
14:10	<u>Lars Kullerud</u> , Director of the University of the Arctic, Norway <i>The experience of the University of the Arctic in the implementation of ICT in capacity-building for the Arctic</i>	<u>Paul Sherry</u> , Chief Executive Officer, Alaska Native Tribal Health Consortium, USA <i>Developing large-scale multi-agency, multiple-provider type telehealth solutions for Alaska</i>
14:30	<u>Wolfgang Greller</u> , Learning Environments Manager, UHI Millennium Institute, Lews Castle College, Scotland, UK	<u>Thomas Stensgaard</u> , Chief District Medical Officer, Greenland Homerule, Greenland <i>Experience from providing</i>

	<i>The challenges of distance education systems in a highly dispersed peripheral higher education institution</i>	<i>healthcare by telemedicine in rural areas</i>
14:50	Coffee break	
15:10	<u>Dan Daniels</u> , Assistant Deputy Minister, Department of Education, Culture and Employment with the Government of the Northwest Territories, Canada <i>Indigenous perspectives on distance education</i>	<u>Thorgeir Palsson</u> , Director, Division of Clinical Engineering and Physics, Landspítali - University Hospital of Iceland <i>The overview for using telemedicine and maritime medicine</i>
15:30	<u>Thorsteinn Hallgrímsson</u> , Deputy National Librarian, National and University Library of Iceland <i>Virtual Arctic Research Library</i>	<u>Mats Larson</u> , Managing Director of Carelink, Sweden <i>The value of Healthnet for healthcare</i>
15:50	Discussion	
17:00	Buses depart the Oddfellow House to Hotel KEA	
19:30	Welcome dinner at Hotel KEA at the invitation of the Icelandic Chairmanship of the Arctic Council. Welcoming words by the Minister of Culture (unconfirmed).	

Tuesday – 21 October

Location: University of Akureyri, Oddfellow House

08:40	Buses depart Hotel KEA to the Oddfellow House
09:00 – 12:00	Summary Session Chair: Thorsteinn Gunnarsson, Rector of the University of Akureyri
09:00	Reports from Sessions. Rapporteurs: Mead Treadwell, Commissioner, US Arctic Research Commission/ Walter Parker, Chairman, CITF, USA; Sigurjon Myrdal, Associate Professor, Icelandic University of Education, Iceland; Line Linstad, Project Manager, Norwegian Centre for Telemedicine, Norway
09:30	Round Table Moderator: Høgni Hoydal, Minister for Nordic Cooperation, Faroe Islands

Bernard Funston, Executive Secretary, AC SDWG, Canada

Rune Sverre Fjellheim, Head of the Arctic and Environmental Unit, Saami Council, Norway

Leo Pekkala, Senior Assistant in Media Education, University of Lapland, Finland

Clifford Lincoln, Chairman, Standing Committee of Parliamentarians of the Arctic Region, Canada

Ellen Brox, Senior Research Scientist and Quality Manager, NORUT IT, Norway

Thomas Nighswander, Facilitator for the Alaska Telehealth Advisory Council, USA

Valery Stolyar, Head of the Telemedicine Department, Bakulev Cardiovascular Centre, Russia

Juha Moring, Medical Director, Department of Psychiatry, Oulu University Hospital, Finland

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| 10:30 | Discussion |
| 11:30 | Conclusions |
| 12:00 | Buses depart the Oddfellow House to Hotel KEA |
| | Departures |