

HiNC 4 2014

The Fourth IFIP WG 9.7 Conference on the
History of Nordic Computing

How the Nordic Way
transformed the Nordic
Societies through ICT
Innovation

1955 – 1990

13 – 15 AUGUST 2014
Copenhagen
Denmark



History of Nordic Computing 2014

The first, second, and third conference on the history of Nordic computing, organized in Trondheim (2003), Turku (2007), and Stockholm (2010) respectively, were all very successful and they acquired a great deal of interest from ICT professionals and academicians as well as from historians interested in technology. These conferences will now be followed by a fourth event, which will take place in Ørestad, Copenhagen, in August of 2014.

Aim of the Conference

The Aim of the HiNC4 Conference in 2014 is:

To re-examine the past and to extract experiences and knowledge that may be useful in making wiser decisions about future endeavors in the development and use of information technology in the Nordic countries.

History

The HiNC series of conferences provides a vehicle for bringing together Nordic collective memory regarding the development of hardware and software as well as methodologies and areas of usage of computers. However, while development of technology is fairly well documented, less is written about the development of its use and about the ways in which ICT usage and users are affected by the technical development.



Atrium in the IT University of Copenhagen



IT University of Copenhagen

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The conference is organized as an activity within IFIP's Working Group 9.7 (History of Computing) of its Technical Committee 9 (Relationship between Computers and Society). It is sponsored and organized jointly by the Danish Computer Society (DIT) and the IT University of Copenhagen.

Nordic computing emerged with hardware development such as the BESK, the DASK, and other early computers. From there it has developed to cover all aspects of information technology development and use. Information and communication technology has spread into and penetrated all areas of modern society.

Conference Themes

The Nordic countries have been looked upon as role models in a number of different areas within the concept of a welfare state: From health care systems, eGovernment solutions, educational systems to social security and inclusion. Since measurements of *eReadiness*, *eGovernment Maturity*, *eBusiness* started, the Nordic countries have constantly been in the top-ten list of countries.

The HiNC4 conference in Copenhagen will focus upon the innovative milestones that transformed the Nordic countries and on the new ideas, systems and solutions that helped create the welfare societies of today. However a welfare state is more than Government – it is also a state with a modern, effective infrastructure whether it comes to financial systems, transportation, telecommunications, or easy access to a wide range of consumer goods. Not all ICT solutions have been successful and the conference shall throw light on possible reasons for this and lessons learned.

The HiNC4 conference will be organized with the following sub-themes:

- Solutions and Systems for Public Services.
From tax to social benefits, from education to health care, from police info systems to network centric operations, from democracy and inclusion to culture.
- Solutions and Systems for the Infrastructure of the society.
From railroads to energy, from telephone to wireless, from banking and insurance to supply chain management.
- Innovation and systems technologies behind the major milestones.

Conference Program

Invited key note speakers will position 'The Nordic Way' in a global and a European context. Contributions will include discussions on goals obtained and lessons learned.

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The conference features contributions from researchers and IT professionals from the Nordic countries and beyond. All contributions will undergo review by a Nordic program committee. There will also be project presentations and panel discussions.

Conference Venue

The conference will take place at the IT University of Copenhagen, close to Copenhagen Airport and the bridge between Kastrup (Denmark) and Malmø (Sweden). For further information please consult <http://HiNC4.org/>. Kindly direct questions regarding local arrangements to the email address HiNC4.2014@gmail.com.

Conference Organization

General Conference Co-Chairs

Erik Bonnerup, Lone Dybkjær, Christian Gram, Dorte Olesen and Per Rasmussen

IFIP Representative

John Impagliazzo, IFIP WG 9.7, Hofstra University, USA

Program Committee

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Organizational Committee

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Proceedings Editor

Christian Gram (Chair), Lars Heide and John Impagliazzo

<http://HiNC4.org/>

