

About the Authors

Christina Amcoff Nyström is presently an Assistant Professor in Informatics at Mid Sweden University, Sweden. She is sharing her professional interests between tutoring master courses and researching technical communication, including communication in organizations and virtual collaboration among project members.

Hans Andersin was born in 1930. In 1954-1955 he took part in building the first electronic computer in Finland. In 1956 he joined IBM and worked in various sales, management, and product planning positions. In 1969 he became Professor of Information Processing Science at HUT. He was visiting professor at Brown University on his research topic, newspaper page make-up systems. In 1978 he became the chief of the Automation Division of Valmet. In 1986 he again joined HUT and retired in 1993.

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Janis A. Bubenko Jr. (TeknD, Docent, Dr.ing.h.c., ACM Fellow) was appointed professor at Chalmers University of Technology and University of Gothenburg in 1977 and at the Royal Institute of Technology and Stockholm University in 1981. He was head of the research groups CADIS and SYSLAB. In 1984 he initiated the setting up of SISU and was its managing director 1985 – 92. Bubenko retired in 2000 and has since then been scientific advisor to several organisations including KK-stiftelsen in Sweden, the Latvian Higher Education Quality Evaluation Centre Ltd. (HEQEC), and the CAiSE conference series.

James W. Cortada is a member of the IBM Institute for Business Value where he leads teams of researchers who focus primarily on economic development and public sector managerial issues. Dr. Cortada is the author or editor of over three dozen books on the history and management of information technology. He most recently published a 3 volume history of how ICT was used by 36 American industries over the past half century, *The Digital Hand*, with Oxford University Press.

Isabelle Dussauge, b. 1978, is an associate researcher at the Dept. of Thematic Studies, Technology and Social Change, at the University of Linköping, Sweden. She conducts research on the history of contemporary medical imaging and on the neurosciences of sexuality. She has been involved in the documentation project “From Computing Machines to IT” and researches the history of computing in Swedish health care.

Christian Gram received his MSc in Mathematics from Copenhagen University 1956. 1957-62 he was ass. professor at DTU. 1960-73 he worked at Regnecentralen, Copenhagen, with numerical analysis, programming, education, and wrote books and manuals. 1973-2000 he was full prof. in Datalogy at DTU, teaching programming methods and HCI. Member of the board of Dansk Datahistorisk Forening.

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Mats Gustafsson is one of the leading experts in Sweden concerning methods and modeling techniques for business and systems development. He has also done most of the specification work concerning the RAMATIC case shell.

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Norodd Hagenson is a principal scientist at FFI (Forsvarets forskningsinstitut – Norwegian Defence Research Establishment) where he has worked since 1978. He has worked with discrete event simulation, programming and operations analysis, mainly with air force problems.

Lars Heide is the author of three books and a large number of international articles on history of technology, including *Punched-Card Systems and the Early Information Explosion, 1880-1945*, (Johns Hopkins, 2009). Dr. Heide has a PhD in History of Technology and a Dr.merc. in Business History. He has been an associate professor at Copenhagen Business School since 2000.

Jan Hellstrøm has been President and CEO of VPS (the Norwegian Central Securities Depository) since 1992. He participated in the introduction of VPS since 1984. Prior to joining VPS, he held various commercial and technical positions within the banking and data processing industry, in the Company IDA, Integret Databehandling AS since 1967. VPS merged with The Oslo Stock Exchange in 2007 and Mr. Hellstrøm had the position of Deputy Group CEO in the new Exchange and CSD Group, until retiring in 2009. Mr. Hellstrøm was secretary of European CSD Association (ECSDA) from 2002 until 2007. He was a member of the board in AS EDB from 1992 – 1995.

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Lars-Åke Johansson is currently CEO of Alkit Communications and he has been the leader for the development of the RAMATIC case shell. He has been the initiating person behind many national and international projects in which model driven generic components has been developed in areas like health care and engineering.

Anker Helms Jørgensen has been doing research in Human-Computer Interaction, addressing a number of themes, since 1975. His current interest is history of computers and especially history of user interfaces. He is currently affiliated with the IT University of Copenhagen. He was previously affiliated with University of Copenhagen, Datacentralen and Bispebjerg Hospital where he developed an online medical system in the late 1970s.

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Karin Kajbjer is presently a PhD student at Linköping University interested in health care management and eHealth policy. She has been trained as a registered nurse and has a bachelor and masters in computer science. During the early 1990ies described in this paper she was a project manager at the Celsius company with responsibility for PAS systems.

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Kari Kotiranta (aged 63) is a qualified psychologist, but all his life he has worked in various teaching professions. At present he works for Sastamala Community College as the co-ordinator of open university studies. His computer hobby has played a key role in his life. Kari Kotiranta owns one of the finest private microcomputer collections in Finland. His computers can be seen at the Tiedetila - ScienceFarm.

Harold (Bud) Lawson has been active in the fields of computing (since 1958) and systems engineering (since 1974) in both industrial and academic environments. He contributed to several pioneering efforts in hardware and software technologies including being the inventor of the pointer variable concept for programming languages. He has been the architect of a variety of successful computer-based systems in high voltage power dispatching, automatic train control and automotive components.

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Per Lundin, b. 1971, is a researcher at the Div. of History of Science and Technology at KTH in Stockholm. He is specialized in the history of computing, history of transportation, science and technology studies as well as consumption studies. During 2007–08 he led the documentation project “From Computing Machines to IT.” Among his recent publications is the co-edited book *Science for Welfare and Warfare: Technology and State Initiative in Cold War Sweden* (2010).

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Bjørn Nagell has 25 years of management consulting within public and private sector. He was management for hire as part of top management within Kommunedata (later NIT) who won the contract in a consortium with Statens Datasentral and in this role he was involved in the project for computerization of the Land Register. From 1995 to 2000, Bjorn Nagell worked as a consultant for the World Bank on projects implementing registration of property rights. An important aspect of his work was knowledge transfer based upon the Norwegian practices and experience.

Ragnar Nordberg with a Ph.D. in physics was at the Clinical Chemistry Laboratory at Sahlgrenska University Hospital for 20 years and participated in the development of the laboratory system which was installed also at 7 other laboratories in Sweden and in two laboratories in Canada. In 1989 he became the CIO of the hospital with the mission to build up a computer department and computerize the whole hospital. After his retirement in 2001 he is now working in his own company.

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Sverrir Ólafsson, cand oecon, was employed by the IBM agent in 1965 as a manager of his Service Bureau. He was involved in the establishment of the IBM Branch office in Iceland in 1967, served in various managerial jobs during the lifetime of IBM Branch Office and took part in closing down the operations of the Branch in 1992. After that he served with IBM's successor, Nýherji, until he retired in 2008. He is the author of the book "Employed by IBM" on which this article is based.

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Anna Orrghen, b. 1972, holds a PhD in media and communication studies from Stockholm University and is currently a researcher at the Department of Art history at Uppsala University in Sweden. She is specialized in the history of art and media, the history of computer art as well as art criticism. During 2007–2008, she participated in the documentation project "From Computing Machines to IT". Among her recent publications is her dissertation *Den medierade konsten. Scenen, samtalet, samhället* (2007).

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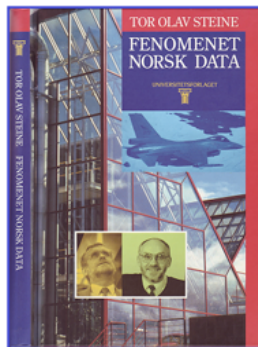
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Tor Olav Steine, a former Norsk Data employee (1977-92), in 1992 wrote the book „Norsk Data - The Phenomenon“. It is widely acknowledged as the most precise description of the internal culture and its significance as basis for the fast rise and fall of the company. Mr. Steine is presently chairman of Alfatroll AS, a company that makes knowledge based solutions for unmanned installations, among those also unmanned aircraft (UAS). The technology derived from experiences learned during the Norsk Data years.

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