

Nils Enlund

Curriculum vitæ

Personal Born May 28, 1946, in Jakobstad, Finland. Married (Kati, neé Halonen), two children (Maria, b. 1974; Mikael, b. 1982). Citizen of Finland.

Languages Fluent Swedish, English, and Finnish. Some German.

Academic degrees

1991 Docent, Royal Institute of Technology, Stockholm, Sweden.
 1977 Licentiate of Technology (Information processing science, Computer design), Helsinki University of Technology, Espoo, Finland. Thesis on the topic of electronic newspaper libraries.
 1974 Master of Science (Electronics), Helsinki University of Technology, Espoo, Finland. Thesis on the topic of computer aided newspaper page make-up.
 1969 Bachelor of Science in Electrical Engineering (cum laude), Lafayette College, Easton, PA, USA.

Main employments

1994– Professor (chair) of Graphic Arts Technology at the Royal Institute of Technology (KTH) Stockholm, Sweden. Head of the research group for Media Technology and Graphic Arts.
 1992–1994 Managing director of MediaCom Oy, Porvoo, Finland.
 1987–1992 Managing director of Sisu Mediateknikka Oy, Helsinki, Finland.
 1985–1991 Professor of Text and Image Processing at the Royal Institute of Technology (KTH), Stockholm, Sweden.
 1983–1986 Project director of the SISU Project, Helsinki, Finland.
 1981–1983 Research director of IFRA, Darmstadt, Federal Republic of Germany.
 1977–1978 Deputy assistant professor, Information processing science, Helsinki University of Technology, Espoo, Finland.
 1976–1980 Teaching assistant, Information processing science, Helsinki University of Technology, Espoo, Finland.
 1976 Research assistant, Information processing science, Helsinki University of Technology, Espoo, Finland.
 1975 Teaching assistant, Information processing science, Helsinki University of Technology, Espoo, Finland.
 1974–1975 Deputy assistant professor, Information processing science, Helsinki University of Technology, Espoo, Finland.
 1974–1980 Development manager, Typlan Systems Projects Oy Ab, Espoo, Finland.
 1972–1973 Systems analyst, Typlan Systems Projects Oy Ab, Espoo, Finland.
 1970–1971 Systems analyst, Computer Graphics Project, Helsinki University of Technology, Espoo, Finland.
 1969 Teaching assistant, Information processing science, Helsinki University of Technology, Espoo, Finland.

Positions of trust and secondary employments

2004 Visiting professor at the Faculty of Graphic Arts, University of Zagreb, Croatia.
 2002–2005 Member of the Board of the Centre for Artistic Development in Opera and Technology at the University College of Opera, Stockholm, Sweden.
 2002–2003 Member of the Board of Framkom Verksamhetsutveckling AB, Stockholm, Sweden.
 2002–2003 Member of the Board of the Harry Küller Foundation, Stockholm, Sweden.
 2001– Member of the Council for Artistic Development in Art and New Media, Stockholm, Sweden.
 2001– Member of the Advisory Board of the Executive MBA programme in Media Management at the Turku School of Economics and Business Administration, Turku, Finland.

- 2001– Academic supervisor of the M.Sc. programme in Electronic Publishing and Multimedia Technology at Gjøvik College, Gjøvik, Norway.
- 2001– Member of the Board of Velent AB, Stockholm, Sweden.
- 2000–2001 Member of the Programme Council of ITKompetens, Stockholm, Sweden.
- 2000– Member of the Management Council of IARIGAI, the International Association of Research Institutes for the Graphic Arts Industry.
- 2000–2003 Member of the Board of Net Knowledge Academy AB, Stockholm, Sweden.
- 2000– Member of the Board of Intressentföreningen för Medie- och Kommunikationsforskning (IMF), Stockholm, Sweden.
- 2000–2002 Member of the Board of Forskningsaktiebolaget Medie- och Kommunikationsteknik AB (Framkom), Stockholm, Sweden.
- 1999–2003 Chairman of undergraduate studies in Media Technology at the Royal Institute of Technology (KTH), Stockholm, Sweden.
- 1999–2000 Assistant Head of the Department of Manufacturing Systems, Royal Institute of Technology (KTH), Stockholm, Sweden.
- 1999– Deputy member of the Board of Tryckteknisk Forskning AB, Stockholm, Sweden.
- 1999 Member of the Board of IMT AB, Stockholm, Sweden.
- 1998– Member of the Council of the Media World 2020 research network, Stockholm, Sweden.
- 1998–2003 Member of the Board (deputy member 2001-2002) of MWM Media Workflow Management AB, Stockholm, Sweden.
- 1998–2000 Member of the Board of the Stiftelsen Grafisk Forskning (Swedish Foundation for Graphic Arts Research), Stockholm, Sweden.
- 1998–2001 Member of the Board of the Stockholm Academic Forum, Stockholm, Sweden.
- 1995–2000 Elected member of the Board of the Department of Manufacturing Systems, Royal Institute of Technology (KTH), Stockholm, Sweden.
- 1994–1998 Member of the Board of the Institute of Media Technology (formerly the Graphic Arts Research Laboratory), Stockholm, Sweden.
- 1994–1995 Chairman of the IFRA Production Tracking System Working Group, Darmstadt, Germany.
- 1993–1994 Head of the Media Technology Research Group, Helsinki University of Technology, Espoo, Finland.
- 1992– Chairman of the Board of Enlund Media Consulting Oy (1992–2001 under the name MediaCom Oy), Porvoo, Finland.
- 1988–1990 Chairman of the IFRA Prepress Systems Working Group, Darmstadt, Federal Rep. of Germany.
- 1982–1983 Member of the Technical Committee of the International Press Telecommunications Council (IPTC).
- 1982–1983 Chairman of the IFRA Printability Working Group, Darmstadt, Federal Rep. of Germany.
- 1981–1983 Secretary of the IFRA Newsprint Committee, Darmstadt, Federal Rep. of Germany.

Scientific advisory, editorial and review assignments

- 2003 Reviewer for Pearson Education book publishers, Harlow, United Kingdom.
- 2002–2003 Reviewer for the *Electronic Markets Journal*, St.Gallen, Switzerland.
- 2002 Member of the Programme Committee for the Seybold Scandinavia Seminars, Stockholm, Sweden.
- 2001–2002 Member of the Editorial Advisory Board and reviewer of the *Journal of Graphic Technology*, Rochester, NY, USA.
- 2001 Member of the Programme Committee for the Technet Baltic 2001 Distance Education Conference, Kaunas, Lithuania.
- 2000– Member of the Media Technology Scientific Reference Group of the Fibre Science and Communication Network of Mid-Sweden University, Sundsvall, Sweden.
- 2000–2003 Member of the Program Committee and reviewer for the International Conferences on Advanced Computer Systems ACS'2000 through 2003, Szczecin, Poland.
- 1999– Member of the Editorial Board and reviewer of *Acta Graphica*, Zagreb, Croatia.
- 1998–1999 Member of the Scientific Advisory Committee of the Swedish Information Technology Institute (SITI), Stockholm, Sweden.
- 1995–1999 Scientific advisor to the Institute of Media Technology, Stockholm, Sweden.
- 1994–1997 Scientific advisor to INES Media Concepts GmbH, Darmstadt, Germany.
- 1987–1995 Member of the Scientific Council of the Centre for Communication Science (Kommunikationsvetenskapligt Centrum) at the Mid-Sweden University, Sundsvall, Sweden.
- 1987–1991 Member of the Scientific Council of the Gustaf Anders Foundation, Karlstad, Sweden.

Honorary memberships and awards

- 2003 Received the Technical Association of the Graphic Arts (TAGA) Honors Award for outstanding contribution to the graphic arts industry, Montreal, Canada.
- 2001– Member of the Swedish Academy of Verbovisual Information, Stockholm, Sweden.
1999 Appointed "Home Town Prophet" by the City of Jakobstad, Finland.
1999 Received the 1999 Industry Prize of the Swedish Foundation for the Promotion of the Graphic Arts Professions.
- 1969– Member of *Eta Kappa Nu*, *Tau Beta Pi*, and *Phi Beta Kappa*.

Expert assignments

- 2003 Expert evaluator of Knowledge-building Projects for the Research Council of Norway.
- 2003 Member of the examination committee for Henry Rodriguez' doctoral thesis "Designing, evaluating and exploring web-based tools for collaborative annotation of documents" at the Royal Institute of Technology (KTH), Stockholm, Sweden.
- 2003 Expert statement regarding the appointment of an assistant professor in Media technology at Gjøvik College, Gjøvik, Norway.
- 2003 Expert statement regarding the appointment of a professor in Measurement technology, with a focus on Digital printing, at Mid-Sweden University, Sweden.
- 2003 Expert statement concerning the conferment of the degree of Docent in Science on Dr. Lars Eidenvall by the Mid-Sweden University, Sweden.
- 2003 Member of the examination committee for Cristian Bogdan's doctoral thesis "IT support for Amateur Communities" at the Royal Institute of Technology (KTH), Stockholm, Sweden.
- 2002 Expert statement regarding the appointment of an assistant professor in Graphic Arts Technology, Dalarna University, Borlänge, Sweden.
- 2002 Expert evaluator of Knowledge-building Projects for the Research Council of Norway.
- 2002 Expert statement concerning the conferment of the degree of Docent in Economics on Dr. Heikki Eerola by the University of Jyväskylä, Finland.
- 2002 Expert statement regarding the appointment of a lecturer in Design Studies at the University of Otago, New Zealand.
- 2002 Expert statement regarding the appointment of a professor in Electronic Publishing and Multimedia Technology at Gjøvik College, Gjøvik, Norway.
- 2002 Expert statement regarding the appointment of a professor in Media and Communication Science, with a focus on Media Developments, at Mid-Sweden University, Sundsvall, Sweden.
- 2001 Academic opponent at the public defense of Sami Jokela's doctoral thesis "Metadata enhanced content management in media companies" at the Helsinki University of Technology, Espoo, Finland.
- 2001 Member of the examination committee for Bo Lennstrand's doctoral thesis "Hype-IT – IT as vision and reality" at Stockholm University, Stockholm, Sweden.
- 2001 Expert evaluation of project proposals to the Baltic Foundation, Sweden.
- 2001 Member of the examination committee for Sasan Gooran's doctoral thesis "High quality frequency modulated halftoning" at University of Linköping, Norrköping, Sweden.
- 2001 Expert statement regarding the appointment of a senior lecturer in Media Technology at Växjö University, Växjö, Sweden.
- 2000 Expert statement regarding the appointment of a professor in Information Networks at the Helsinki University of Technology, Espoo, Finland.
- 2000 Pre-examiner of Marko Turpeinen's doctoral thesis "Customizing news content for individuals and communities" at the Helsinki University of Technology, Espoo, Finland.
- 1999 Expert evaluator of the undergraduate study programme in Graphic Technology at the Faculty of Graphics of the University of Zagreb, Croatia, appointed by the National Council for Higher Education of the Republic of Croatia.
- 1998 Member of the examination committee for Olle Bälter's doctoral thesis "Electronic mail in a working environment" at the Royal Institute of Technology (KTH), Stockholm, Sweden.
- 1998 Expert evaluator of the graduate study programme in Graphic Technology at the Faculty of Graphics of the University of Zagreb, Croatia, appointed by the National Council for Higher Education of the Republic of Croatia.

Academic thesis supervision (postgraduate)

- 2002 Girard Leloup, Laurent: *Measurement and prediction procedures for printability in flexography*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2002 Klaman, Marianne: *Aspects on colour rendering, colour prediction and colour control in printed media*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Persson, Christian: *Strategies for enhancing consumer interaction in electronic retailing*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Enroth, Maria: *Tools for eco-efficiency in the printing industry*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Politis, Anastasios: *Human resource management strategies within the graphic arts and media sector*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Rehn, Jonas: *Information flow and physical distribution planning in newspaper delivery*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Sabelström Möller, Kristina: *Information categories and editorial processes in multiple channel publishing*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Jonsson, Alex: *Enhancing on-line information sharing systems*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2001 Koulouvari, Panagiota: *Organizational learning in dynamic environments—case studies from the media industry*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2000 Rosenqvist, Christopher: *Development of new media products—case studies on web, newspapers and magazines*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2000 Lindgren, Mats: *Quality in a digital prepress workflow*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 2000 Slimani, Dorotea: *Strategic management tools for graphic arts companies*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1999 Kihlberg, Henrik: *Productivity in a digital prepress workflow*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1999 Sabelström, Kristina: *Information types and content migration in multichannel newspaper publishing*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1999 Jonsson, Alex: *Methods and techniques for enhancing on-line publishing workflows*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1998 Ionesco, Vlad: *Intranets and organisational learning* thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1998 Slimani, Dorotea: *A study of strategic management tools for graphic arts companies*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1998 Lindgren, Mats: *Improving image quality through prepress workflow modifications*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1997 Stenberg, Johan: *Global Production Management in Newspaper Production and Distribution—Coordination of Products, Processes and Resources*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1996 Nordqvist, Stig: *A Model for Global Production Management Systems in Newspaper Production—Real Time Management of Time Critical and Heterogeneous Processes*, thesis for the degree of Doctor of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1996 Ängskog, Sven: *Measurement of detail rendering as a tool for print quality assessment*, thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1994 Stenberg, Johan: *Mångfaldigande och distribution av dagstidningar – processen och dess logistik* (Printing and distribution of newspapers—the process and its logistics, in Swed-

- ish), thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.
- 1994 Nordqvist, Stig: *Dagstidningars förpress: process och produktionsmanagement* (Newspaper prepress: process and production management, in Swedish), thesis for the degree of Licentiate of Technology, Royal Institute of Technology (KTH), Stockholm.