

# CURRICULUM VITAE

## DR MATS FRIDLUND PHD, MScENG

Mail: mats.fridlund@gu.se, mfridlund@mpiwg-berlin.mpg.de

Web: www.matsfridlund.com @matsfridlund

### CONTENTS

A.	ACADEMIC EDUCATION & QUALIFICATIONS .....	2
B.	PROFESSIONAL EXPERIENCE.....	2
C.	HONORS.....	3
	Major Grants, Fellowships & Awards .....	3
	Honorary Appointments .....	3
	Research Awards & Travel Grants.....	4
D.	PUBLICATIONS .....	5
	Books .....	5
	Other publications .....	5
E.	RESEARCH PRESENTATIONS .....	9
	Conference Presentations .....	9
	Invited Talks & Colloquia .....	14
G.	TEACHING EXPERIENCE .....	16
	Assessment of teaching proficiency .....	16
	Pedagogic Education.....	16
	Educational Leadership .....	17
	Courses Developed & Taught.....	17
	Invited International Guest Lectures .....	18
	Undergraduate Thesis Supervision .....	18
H.	POSTGRADUATE STUDENT SUPERVISION & EXAMINATION.....	19
	Postgraduate Student Supervision.....	19
	External PhD Dissertation Review .....	19
	PhD Dissertation Examination .....	19
	Postdoctoral supervision .....	20
F.	PROFESSIONAL SERVICE .....	20
	Elected & appointed positions.....	20
	Scholarly Expert Review.....	21
	Academic Leadership, Initiatives & Organization .....	23
	Conference Program Committees: .....	23
	Conference sessions:.....	23
	Colloquia & reading group series: .....	24
	Symposia & workshops: .....	24
	Management experience .....	25
I.	SOCIETY IMPACT .....	26
	Exhibitions .....	26
	Media contribution.....	26
	Expert advisor .....	28
	Public Film Series.....	28
	Public lectures .....	29

**A. ACADEMIC EDUCATION & QUALIFICATIONS**

Filosofie doktor (PhD in History of Technology), Department of History of Science and Technology, KTH Royal Institute of Technology, Stockholm, Sweden, 1999.

Doctoral Dissertation: *Den gemensamma utvecklingen: Staten, storföretaget och samarbetet kring den svenska elkrafttekniken*

Civilingenjör (MScEng in Engineering Physics), KTH Royal Institute of Technology, Sweden, 1992.

Masters Thesis (Applied Physics): *Study of p<sup>+</sup> Gated MOS Structures Manufactured with Molecular Layer Doping of Boron.*

Qualification Assessment for Position as:

- Associate Professor in *Science Studies*, Aarhus University, Denmark, 2011.
- Associate Professor in *Technology Studies*, IT University of Copenhagen, Denmark, 2009.

**B. PROFESSIONAL EXPERIENCE**

2019 – *present*, Deputy Director, Centre for Digital Humanities, University of Gothenburg, Sweden.

2019 – *present*, Researcher, Department of Literature, History of Ideas and Religion, University of Gothenburg, Sweden.

2018 – *present*, Visiting Scholar, Max Planck Institute for the History of Science, Germany.

2013 – 2018, Associate Professor of the History of Industrialization, Aalto University, Finland.

2011 – 2013, Senior Lecturer in Theory of Science, University of Gothenburg, Sweden.

2010 – 2011, External Associate Professor of History, University of Copenhagen, Denmark.

2008 – 2010, Associate Professor of Political Science, Centre for Advanced Security Theory (CAST), University of Copenhagen, Denmark.

Spring 2008, Associate Professor (Visiting) of History of Ideas, Aarhus University, Denmark.

2006 – 2008, Associate Professor of History of Technology, Technical University of Denmark, Denmark.

2004 – 2006, Assistant Professor (Visiting) of History, Northwestern University, USA.

2003 – 2004, Research Fellow in History of Technology, KTH Royal Institute of Technology, Sweden.

2001 – 2003, Lecturer in History of Science and Technology, Imperial College London, University of London, UK.

2000 – 2001, Swedish Foundation for International Cooperation in Research and Higher Education (STINT) Postdoctoral Scholar, Program in Science, Technology, and Society (STS), Massachusetts Institute of Technology (MIT), USA.

June-Sept 2000, Visiting Research Fellow in History and Policy Studies of Science & Technology, University of Manchester, UK.

2000 – 2001 Researcher, Swedish Institute for Studies in Education and Research, Sweden.

Sept 1999 – Feb 2000, Assistant Professor (Acting) of Technology and Social Change, Linköping University, Sweden.

1993-99, Doctoral Research Scholarship, KTH Royal Institute of Technology, Sweden.

Fall 1997, Visiting Investigator, Dept of Technology and Social Change, Linköping University, Sweden.

Jan – Nov 1991, Scientific associate in history of science, Microcosm: CERN Science and Technology Expo, European Laboratory for Particle Physics (CERN), Geneva, Switzerland.

Summer 1990, Technical Student Trainee, Advanced Semiconductor Technology Department, Seiko Instruments Inc., Chiba, Japan.

## C. HONORS

### *Major Grants, Fellowships & Awards*

2019-(21) Research Project Grant, Principal Investigator (PI) of project *Things for Living with Terror: a Global History of the Materialities of Urban Terror and Security*, Bank of Sweden Tercentenary Foundation (RJ), 2.8 MSEK

2018-19 Visiting Scholarship, Project *The Uses and Abuses of Things: Reconceptualizing Technology-in-Use within the History of Technology*, Max Planck Institute for the History of Science, Berlin, 18.000 €

2017-18 Kone Foundation Project Grant for Research, Principal Investigator (PI) of project *From Roadmap to Road Show: A collective demonstration & information project to strengthen Finnish digital history*, 118.000 €

2016-17 Kone Foundation Project Grant for Research, Principal Investigator (PI) of project *Towards a Roadmap for Digital History in Finland: Mapping the Past, Present & Future Developments of Digital Historical Scholarship*, 56.375 €

2014 The Research Foundation of Helsinki University of Technology, Principal Investigator (PI) of project to make inventory of the artifact collections of Helsinki University of Technology, 20.000 €

2013 Letterstedtska Foundation Nordic Research Award, awarded to arrange a joint Aalto University & Helsinki University international seminar series on perspectives on Nordic history of industrialization and innovation, 20.000 SEK

2011-2012 Vice-Chancellor's Doctoral Course Development Grant, competitively awarded cross-faculty and trans-disciplinary doctoral course development grant, The Vice Chancellor's Office, University of Gothenburg, 130.000 SEK

2011-2013 Research Grant in Humanities and Social Sciences, Principal Investigator (PI) of project *Spreading Terror: Technology and Materiality in the Transnational Emergence of Terrorism, 1866-1898*, within Research Program "The Globalization of Society", The Swedish Research Council (VR), 1.59 MSEK

2002-2003 SHOT International Scholar, Society for the History of Technology (SHOT).

2000-2001 STINT Postdoctoral Research Scholarship, Swedish Foundation for International Cooperation in Research and Higher Education (STINT), 321.000 SEK.

2000 The Nils-Eric Svensson Fellowship, Bank of Sweden Tercentenary Foundation (RJ), 100.000 SEK. *National research grant awarded annually to two PhD's in humanities and social sciences.*

2000 The Swedish National Council for Cultural Affairs Publication Award in Academic Literature to Symponia for the monograph *Den gemensamma utvecklingen*. *Competitively awarded government grant for "promoting quality and diversity in book publishing," to distribute academic literature to all municipal libraries and 100 selected booksellers in Sweden.*

### *Honorary Appointments*

- Sept 2018 – Dec 2019, Visiting Scholar, Max Planck Institute for the History of Science, Germany.
- 14-20 January 2019, Visiting Professor, School of Engineering, Aalto University, Finland.
- April-May 2017, Visiting Professor, Centre for Digital Humanities, University of Gothenburg.

- Oct 2013, Visiting Scholar, Program in Science, Technology, and Society (STS), Massachusetts Institute of Technology (MIT), USA.
- 2011 – 2013, Associate Researcher, Centre for Advanced Security Theory (CAST), Department of Political Science, University of Copenhagen, Denmark.
- March -April 2013, Visiting Scholar, Centre for the History of Science, Technology and Medicine (CHSTM), University of Manchester, UK.
- Sept – Oct 2012, Visiting Researcher, Research Policy Institute (FPI), Lund University, Sweden.
- Nov 2011 – Jan 2012, Visiting Researcher, Dept of History of Science and Technology, KTH, Stockholm, Sweden.
- July-August 2011, Visiting Scholar, Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, USA.
- May 2011, Visiting Educator, Department of History, Whitman College, Walla Walla, USA.
- July-August 2010, Visiting Scholar, Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, USA.
- Nov 2009, Guest Scholar, Nobel Museum Research Library, Nobel Museum, Stockholm, Sweden.
- May 2009, Visiting Researcher, Dept of History and Politics, Drexel University, Philadelphia, USA.
- 2007 – 2008, Associated Researcher, Medical Museion, University of Copenhagen, Denmark.
- 2003 – 2005 Academic Visitor, Centre for the History of Science, Technology and Medicine (CHOSTM), Imperial College London, University of London, UK.
- 2000 – 2001, Visiting Scholar, Program in Science, Technology, and Society (STS), Massachusetts Institute of Technology (MIT), USA.

#### **Research Awards & Travel Grants**

- *LETStudio Travel Grant*, University of Gothenburg, 2012.
- *Sven Pettersson's Fund for Humanistic Sciences Foundation*, University of Gothenburg, 2011.
- *Beckman Center for the History of Chemistry Travel Grant*, Chemical Heritage Foundation, 2008.
- *Imperial College Center for Educational Development Grant*, Imperial College London, 2002.
- *Knut & Alice Wallenberg Foundation Young Researcher Travel Grant*, Linköping University, 2000.
- *Society for the History of Technology Travel Grant*, SHOT, 1995.
- *Fredrik Björn's Foundation Grant*, KTH, 1995.
- *Ragnar and Astrid Signeul's Foundation Grant*, KTH, 1995.
- *Olof Ahlöf's Foundation Grant*, Royal Swedish Academy of Sciences, 1994.
- *Scandinavia-Japan Sasakawa Foundation Grant*, Swedish Section, 1994.
- *Electric Power Foundation Grant*, Swedish National Museum of Science & Technology, 1994.
- *Torsten Althin Memorial Foundation Grant*, Friends of the Swedish National Museum of Science & Technology, 1994.
- *KTH Doctoral Candidate's Internationalization Grant*, KTH, 1993.
- *Scandinavia-Japan Sasakawa Foundation Grant*, Swedish Section, 1990.
- *Ragnar and Astrid Signeul's Foundation Grant*, KTH, 1990.
- *Torsten Althin Memorial Foundation Grant*, Friends Association of the Swedish National Museum of Science & Technology, 1990.
- *School of Engineering Physics Internationalization Grant*, KTH, 1990.

**D. PUBLICATIONS**

Top 10 (self-assessed) marked with \* for publications overall, ˇ for English publications

**Books**

\* Mats Fridlund, *Den gemensamma utvecklingen: Staten, storföretaget och samarbetet kring den svenska elkrafttekniken*, [The Mutual Development: The State, Big Industry and the Collaboration on Swedish Electric Power Technology] (Stockholm & Stehag: Symposion, 1999), 264 pp.

Awarded the Nils-Eric Svensson Fund Fellowship by the Bank of Sweden Tercentenary Foundation & Swedish National Council for Cultural Affairs publishing grant for Academic Literature for "promoting quality and diversity in book publishing".

Mats Fridlund & Ulf Sandström, eds., *Universitetets värden: Bidrag till den forskningspolitiska debatten* [Values of the University: Contributions to the Science Policy Debate] (Stockholm: SNS Förlag, 2000), 165 pp.

Leena Malkki, Mats Fridlund & Daniel Sallaama, eds., *Terrorism in Nordic Countries*, Special Issue *Terrorism & Political Violence* 30 (2018):5, 121 pp.

**Other publications**

1. "Historiska föremål på KTH från plasmafysikens tidiga utveckling, 1940 - ca 1970" [Historical Artifacts at KTH from the Early Era of Plasma Physics, 1940-ca.1970], *Rapport i forskningsprojektet Fysikerna och deras verktyg* (Stockholm: KTH, 1989), 69 pp.
2. "Preserved Objects in the History of Plasma Physics in Sweden", *Uppsala Newsletter: History of Science* (1990), No. 13, 3-4.
- (3.) "Preserved Objects in the History of Plasma Physics in Sweden", *Artifactory: Technology Museums Special Interest Group Newsletter* 12 (1990), No. 2, 4-5. (Reprint of no 2)
- 4-10. Biographical articles:
  - Nationalencyklopedin*, Kari Marklund, ed., (Höganäs, 1990–91)
    - "Chamberlain, Owen", bd 4, 75.
    - "Clebsch, Alfred", bd 4, 174.
    - "Debye, Peter J.W.", bd 4, 458.
    - "Doppler, Christian", bd 5, 98.
    - "Enskog, David", bd 5, 531.
  - Nobelpristagare 1901-1991*, Hans Sundström, ed., (Höganäs, 1991)
    - "Chamberlain, Owen", 39. (rev. version of no 4)
    - "Debye, Petrus (Peter)", 80. (rev. version of no 6)
11. "Study of p+ Gated MOS Structures Manufactured with Molecular Layer Doping of Boron", *TRITA-FYS 6122* (Stockholm: KTH, 1992), 100 pp.
- (12.) "Ett kraftfullt utvecklingspar: Aseas och Vattenfalls FoU samarbete kring elkraftteknologi 1910-1970", *Working Papers from the Department of History of Science and Technology* 93/5 (Stockholm: KTH, 1993), 130 pp. (Preliminary version of no. 19)
13. "Utvecklingspar i svensk teknikhistoria: Asea-Vattenfalls utveckling av elkraftteknologi", [Development Pairs in Swedish History of Technology: Asea and the State Power Board's Development of Electric Power Technology]", in: *Teknikhistoriska dagar: Extended abstracts* (Stockholm: Svenska Nationalkommittén för Teknikhistoria, 1993), 45-49.
14. ˇ "The Teaching of History of Technology in Japan: A Survey in 1990", *Working Papers from the Dept. of History of Science and Technology* 93/7 (Stockholm: KTH, 1993), 45 pp.

- 15.\*~ "International Acclaim and Swedish Obscurity: The Fall and Rise of David Enskog", in: Svante Lindqvist, ed., *Center on the Periphery: Historical Aspects of 20th-Century Swedish Physics*, (Canton: Science History Publications, 1993), 238-268.
- 16.~ "The 'Development Pair' as a Link between System Growth and Industrial Innovation: Cooperation between the Swedish State Power Board and the ASEA Company", *Working Papers from the Dept. of History of Science and Technology* 93/9 (Stockholm: KTH, 1993), 21 pp.
17. "En specifikt svensk virtuoskonst': Empiriska och teoretiska perspektiv på utvecklingsparet Asea-Vattenfalls historia" ['A specifically Swedish act of virtuosity': Empirical and theoretical perspectives on the history of the development pair Asea-Vattenfall], *Polhem: Tidskrift för teknikhistoria* 12 (1994):2, 106-131.
18. "Visioner om nationell kraft och utveckling: Industrinationalism och ingenjörskultur speglad i 1900-talets svenska vattenkraftsutbyggnad" [Visions of national power and development: Industrial nationalism and engineering culture reflected in the 20th century Swedish hydro power build-out], in: *Teknikhistoriska dagar: Extended abstracts* (Stockholm: Svenska National-kommittén för Teknikhistoria, 1995), 32-34.
19. "Ett svenskt utvecklingspar i elkraft: Aseas och Vattenfalls FoU-samarbete, 1910–1980", [A Swedish Development Pair in Electric Power: Asea and Vattenfall's Development Cooperation around Electric Power Technology, 1910-1980], *BI Forskningscenteret forskningsrapport 1995/2 & Senter for elektrisitetsstudier 1995/312/7* (Oslo: Handelshøyskolen BI, 1995), 139 pp.
20. Recension av Staffan Hansson, *Porjus: En vision för industriell utveckling i övre Norrland*. Diss. (Luleå, 1994), *Lychnos: Årsbok för idéhistoria och vetenskaps-historia* (1995), 306-307.
- (21.) Bengt-Arne Vedin, ed., *Informationstekniken nu, då, sedan: Rapport från ett seminarium*, Via Teldok 25 & Tekniska Museet Rapport 4 (Stockholm, 1995), 96 pp. (scribe)
- 22.~ (with Helmut Maier) "The Second Battle of the Currents: A Comparative Study of Engineering Nationalism in German and Swedish Electric Power, 1921-1961", *Working Papers from the Dept. of History of Science and Technology* 96/2 (Stockholm: KTH, 1996), 19 pp.
- (23.) "De nationalistiska systemen: En studie av svensk teknisk och nationalistisk omvandling, 1897–1914", in: *Stora tekniska system: Kurskompendium* (Stockholm: Avdelningen för teknik- och vetenskapshistoria, KTH, 1996), 22 pp. (Preliminary version av no. 28)
24. "Nationsbyggandets verktyg: Teknisk förändring i nationalismens teori och praktik" [The tools of nation-building: Technological change in the theory and practice of nationalisms], in: Bo Lindberg, ed., *Nationalism: En kursredovisning från Avdelningen för idéhistoria vid Stockholms universitet*, *Idéhistoriska uppsatser* 31 (Stockholm: Stockholm University, 1997), 82-94.
25. "Teknikens konstruktion av nationen: Svensk nationalism och industrialisering kring sekelskiftet 1900" [Technology's construction of the nation: Swedish nationalism and industrialization at the turn of the century 1900], in: Brita Brenna & Karen Marie Fjeldstad, eds., *Kollektive identiteter, ting og betydninger*, TMV skriftserie Nr. 24/1997 (Oslo: Pensumtjeneste, 1997), 123-142.
- (26.) "The 'Development Pair' as a Link between System Growth and Industrial Innovation: Cooperation between the Swedish State Power Board and the ASEA Company", in: Arne Kaijser et al., *Kan stora tekniska system vara sociala? MTS-dagarna 30–31 mars 1998* (Stockholm: Avdelningen för teknik- och vetenskapshistoria, KTH, 1998), 21 pp. (Reprint of no. 16)
27. "Är det här också teknik? Några bidrag till teknikens mentalitetshistoria" [Is this also technology? Some contributions to the history of mentality of technology], in: Marika Hedin & Ulf Larsson, eds., *Teknikens landskap: En teknikhistorisk antologi tillägnad Svante Lindqvist* (Stockholm: Atlantis, 1998), 23–40.
- 28.\* "De nationalistiska systemen: Konstruktion av teknik och svenskhet kring sekelskiftet 1900" [The nationalistic systems: Construction of technology and Swedishness around the turn of the century

1900], in: Pär Blomkvist & Arne Kaijser, eds., *Den konstruerade världen: Tekniska system i historiskt perspektiv* (Stockholm & Stehag: Symposion, 1998), 77–103.

- (29.) "Switching Relations: The Government Development Procurement of a Swedish Computerized Electronic Telephone Switching Technology", A Research Report to the European Commission in the Targeted Socio-Economic Research (TSER) program under 4th Framework Program, *Tema-T Arbetsnotat* 191 (Linköping: Linköpings Universitet, 1998), 58 pp. (Report version of no 31)
- (30.) "Shaping the Tools of Competitive Power: Government Technology Procurement in the Making of the HVDC Technology", A Research Report to the European Commission in the Targeted Socio-Economic Research (TSER) program under 4th Framework Program, *Tema-T Arbetsnotat* 192 (Linköping: Linköpings Universitet, 1998), 47 pp. (Report version of 32)
31. "Switching Relations: The Government Development Procurement of a Swedish Computerized Electronic Telephone Switching Technology", på: Charles Edquist & François Texier, eds., *Innovation Systems and European Integration*, CD-ROM (Linköping: Linköpings universitet, 1998).
32. "Shaping the Tools of Competitive Power: Government Technology Procurement in the Making of the HVDC Technology", på: Charles Edquist & François Texier, eds. *Innovation Systems and European Integration (ISE)*, CD-ROM (Linköping: Linköpings universitet, 1998).
- 33.~ (with Serge Paquier) "The Making of Small Industrial Giants: The Growth of the Swedish ASEA and the Swiss BBC through Crises and Challenges Prior to 1914", in: Timo Myllyntaus, ed., *Economic Crises and Restructuring in History: Experiences of Small Countries* (St. Katharinen: Scripta Mercaturae Verlag, 1998), 237–264.
34. "Schumpeters tvillingar: Utvecklingsblock och sociotekniska system i studiet av industriell förändring" [Schumpeter's twins: Development blocks and sociotechnical systems in the study of industrial change], *Polhem: Tidskrift för teknikhistoria* 16 (1998):1, 27–47.
- 35.~ "Procuring Products and Power: Developing International Competitiveness in Swedish Electrotechnology and Electric Power", in: Charles Edquist, Leif Hommen & Lena Tsipouri, eds., *Public Technology Procurement and Innovation*, Economics of Science, Technology and Innovation v. 16 (Norwell, Mass.: Kluwer Academic Publishers, 2000), 99–120.
- 36.~ "Switching Relations and Trajectories: The Development Procurement of the Swedish AXE Switching Technology", in: Charles Edquist, Leif Hommen & Lena Tsipouri, eds., *Public Technology Procurement and Innovation*, Economics of Science, Technology and Innovation v. 16 (Norwell, Mass.: Kluwer Academic Publishers, 2000), 143–165.
37. "The Tough Love of Development Pairs: Connecting Demand of the State and the Supply of Industry through Cooperative R&D in Swedish Electric Power Technology", in: José Manoel Carvalho de Mello & Henry Etzkowitz, eds., *Rio 2000 Third Triple Helix International Conference: Book of Abstracts* (Rio de Janeiro: Rio de Janeiro Federal University, 2000), 242–245.
38. (with Ulf Sandström) "Förord" [Preface], in: Mats Fridlund & Ulf Sandström, eds., *Universitetets värden: Bidrag till den forskningspolitiska debatten* (Stockholm: SNS Förlag, 2000), 7-11.
- 39-50. Electronic articles:
- The Ericsson Files: 125 Years of Ericsson History on one DVD*, DVD (Stockholm: Telefon AB LM Ericsson & Center for Business History in Stockholm, 2001):
- "Henric Öller and Öller & Co/ Henric Öller and Öller & Co"
  - "AKE – an important electronic cul-de sac / AKE – en viktig elektronisk återvändsgränd"
  - "Development of the AXE system / Utvecklingen av AXE-systemet"
  - "Ellemtel and the Development of the AXE system / Ellemtel och utvecklingen av AXE-systemet"
  - (with Claes-Fredrik Helgesson) "Informal Contact Networks / Informella kontaktnätverk"
  - (with Claes-Fredrik Helgesson) "The Development Pair LM Ericsson – Swedish Telecom/ Utvecklingsparet LM Ericsson – Televerket"

51. "Texting 'bout a revolution", Review of Jon Agar, *Constant Touch: A Global History of the Mobile Phone* (Icon, 1999), *New Scientist* 178 (26 April 2003), 52.

52.\* (with Claes-Fredrik Helgesson) "Om att hålla sig till saken: Den industriella artefakten som interaktivt lokus", [To stick with the thing: The industrial artifact as interactive locus], in: Sven Widmalm, ed., *Artefakter: Industrin, vetenskapen och de tekniska nätverken* (Hedemora: Gidlunds, 2004), 289-314.

(53-63.) Online articles (Later versions of no. 39-50):

*The History of Ericsson* (Center for Business History in Stockholm & Telefonaktiebolaget LM Ericsson, 2007– ), [www.ericssonhistory.com](http://www.ericssonhistory.com):

- "Lars Magnus Ericsson goes into business"
- "Henric Öller launches pioneering enterprise"
- "Development of the AXE system"
- "AKE – an electronic dead end"
- "From AKE to AXE"
- "Ellemtel develops the AXE system"
- (with Claes-Fredrik Helgesson) "Ericsson and Swedish PTT: partners in development"
- (with Claes-Fredrik Helgesson) "The informal contact networks"

*Företagskällan* (Centrum för näringslivshistoria, 2015– ), [www.foretagskallan.se](http://www.foretagskallan.se):

- "Ellemtel utvecklar AXE-systemet"
- (with Claes-Fredrik Helgesson) "Utvecklingsparet Ericsson – Televerket"
- (with Claes-Fredrik Helgesson) "De informella kontaktnätverken"

64.\* "Innovatörernas reträtt", [Retreat of the Innovators] in: Per Högselius & Arne Kaijser, *När folkhemselen blev internationell: Elaregleringen i historiskt perspektiv* [When the Folkhome electric power became international: The deregulation of electric power in historical perspective] (Stockholm: SNS Förlag, 2007), 260-289, 328-329.

65. "Helvetesmaskinerna: Terrorismens teknologi från giljotinen till videokameran" [The infernal machines: The technology of terrorism from the guillotine to the camcorder], in: *Terror-ismen*, Per Vingaard Klüver, Helle Møller, Espen Kirkegaard Espensen, & Anne Sørensen, eds., *Den jyske Historiker* (2007):115, 127-151.

66. "How We Learned to Live With the Bombs: Mentalities and Materialities of Urban Terrormindedness", e-publication on: *Looking Back, Looking Beyond: The Fiftieth Anniversary of the Society for the History of Technology*, "National Science Foundation Workshop", [fiftieth.shotnews.net/nsfworkshop/fridlund.pdf](http://fiftieth.shotnews.net/nsfworkshop/fridlund.pdf), October 2007, 24 pp.

(67.) "Cities in Panic!? Towards New Histories of Terror and the Security and Power of Mundane Things", *CAST Papers* 2008:1 (Dept of Political Science, University of Copenhagen, 2008), 23 pp. (Early version of 69)

68. Review of Mike Davis, *Buda's Wagon: A Brief History of the Car Bomb* (Verso, 2007), *Technology & Culture* 50 (2009), 242-243.

69. (with Gustaf Nelhans) "Terrorens ingeniørkunst: Teknik og videnskab efter 11. september", in Malene Fenger-Grøndahl, ed., *11. september: Verdens tilstand ti år efter* (Aarhus & Köpenhamn: Aarhus Universitetsforlag, 2011), 263-279.

70. (with Gustaf Nelhans) "Science and 'The 9/11-Effect': The Mutual Shaping of Terrorism, National Security, and Scientific Research During the Last Ten Years", *Science Progress* (Washington DC: Center for American Progress, 2011-09-11), [www.scienceprogress.org/2011/09/science-and-the-the-911-effect/](http://www.scienceprogress.org/2011/09/science-and-the-the-911-effect/).

71.\*^ "Buckets, Bollards and Bombs: Towards Subject Histories of Technologies and Terrors", *History and Technology* 27 (2011):4, 391-416.

72. (with Gustaf Nelhans) "Naturvetare i kriget mot terrorismen", *Tvärnsnitt: Tidskrift för humanistisk och samhällsvetenskaplig forskning* 33 (2011):3-4, 80-84.
- 73.\* "Det nya gränsöverskridande våldet: Terroristen och den tidiga globaliseringen", in: Birgitta Svensson & Anna Walette, eds., *Individer i rörelse: Kulturhistoria i 1880-talets Sverige* (Göteborg: Makadam, 2012), 194-230.
- 74.\*~ "Affording terrorism: Idealists and materialities in the emergence of modern terrorism," in: Max Taylor & P.M. Currie, eds., *Terrorism and Affordance* (London & New York: Continuum, 2012), 73-92.
75. "Engineering Terrorisms: Technological Ingenuity, Innovation, and Impact in Urban Terror, 1807-2011," e-publication on: *SHOT Prometheans (Engineering) SIG*, "2012 Workshop: Historical and Contemporary Studies of Disasters: Placing Chernobyl, 9/11, Katrina, Deepwater Horizon, Fukushima and Other Events in Historical and Comparative Perspective", [shotprometheans.wordpress.com/workshops/2012-workshop/manuscripts/fridlund-engineering-terrorisms/](http://shotprometheans.wordpress.com/workshops/2012-workshop/manuscripts/fridlund-engineering-terrorisms/), Sept 2012, 5 pp. (Online publication)
76. "Two new political and material histories of use," e-publication on: *SHOT Talk*, "President's Roundtable: Cultures of Use: Histories of Technology Beyond Invention and Innovation at 56<sup>th</sup> Annual Meeting of the Society for the History of Technology", Portland, MN, [shot-talk.org/wp-content/uploads/2013/09/Fridlund\\_TwoNew.pdf](http://shot-talk.org/wp-content/uploads/2013/09/Fridlund_TwoNew.pdf), Oct 2013, 2 pp. (Online publication)
- 77.\*~ (with René Brauer) "Historizing topic models: A distant reading of topic modeling texts within historical studies", in: LV Nikiforova & NV Nikiforova, eds., *Cultural Research in the Context of "Digital Humanities": Proceedings of International Conference 3-5 October 2013, St Petersburg* (St Petersburg: Herzen State Pedagogical University & Publishing House Asterion, 2013), 152-163.
78. Review of Gabrielle Hecht, ed. *Entangled Geographies: Empire and Technopolitics in the Global Cold War* (MIT Press, 2011), *Icon* 20 (2014):1, 173-174.
- 79.\* "Motståndets materialitet: oppositionella ting, tekniker och kroppar under Finlands ofärsår", in: Nina Wormbs, & Thomas Kaiserfeld, eds. *Med varm hand: Texter tillägnade Arne Kaijser*, (Stockholm: KTH Royal Institute of Technology, 2015), 53-84.
80. (with Daniel Sallamaa) "Radikale Mittel, gemäbige Ziele: Repression und Widerstand im Großfürstentum Finnland", *Osteuropa* 66 (2016):4, 35-47.
81. (with Leena Malkki & Daniel Sallaama) "Terrorism and Political Violence in the Nordic Countries", *Terrorism & Political Violence* 30 (2018), 761-771.

## E. RESEARCH PRESENTATIONS

### Conference Presentations

- "What is Anglo-American Nuclear Culture? Understanding Nuclear Energy", *Jeff Hughes: A Celebration*, Manchester, February 22, 2019. (invited talk)
- "The History of Science and Technology Heritage and the Challenge of Digital Humanities", *Center for History of Science of the Royal Swedish Academy of Sciences Tricennial Anniversary Symposium The Conditions and Possibilities for the Scientific Heritage*, Stockholm, January 18, 2019. (invited talk)
- (with Petri Paju & Mila Oiva) "Facilitating Digital History in Finland: What can we learn from the past?," *3rd Digital Humanities in the Nordic Countries Conference (DHN 2018)*, Helsinki, March 8, 2018.
- "Trawling for Terrorisms: Using semiautomatic digital history methods to study terrorism's emergence, 1848-1914", *10th Annual Conference on 19th-Century Research*, Helsinki, Jan 26, 2017.
- (with Matti La Mela) "Cloudy sightings of Qing Things: A Digital History 1.5 Investigation of Finnish Representations of Imperial China's Technology and Industry", *2nd International Workshop on Nordic-Chinese Relations in History of Science, Technology and Industry*, Beijing, 7 Dec 2017. (invited keynote)

- "Humanities in the Education of Graduate Engineers: Requirements, Challenges & Possibilities", *6th Development Conference for Sweden's Education of Graduate Engineers*, Gothenburg, 22 Nov 2017.
- (with Matti La Mela) "Cloudy sightings of Chinese industrialization: GIS, Word clouds and the Finnish engineers' views on Chinese technology in the late nineteenth century", *Open licences, open content, open data: tools for developing digital humanities*, Tartu, 1 Nov 2017.
- "Digital History 1.5: Semi-automatic Research between Domesticated & Paradigmatic Digital History", *National Finnish Conference of History Research 2017*, Turku, 21 Oct 2017.
- "Digital Histories of Industrialization, Innovation and Beyond", *HELDIG Digital Humanities Summit 2017*, Helsinki, 18 Oct 2017.
- "Terrorisms before terrorism: Representing modes and meanings of rebel and regime extremist violence, 1848-1917", *Risks, roots and responses: Nordic conference on research on violent extremism*, Gothenburg, April 25, 2017.
- (with Petri Paju) "Mapping the Development of Digital History in Finland", *2nd Digital Humanities in the Nordic Countries Conference (DHN 2017)*, Gothenburg, March 14, 2017.
- "Terror-mindedness: from fears of bombs from the air to from the streets", *Global/Transnational Perspectives on Civil Defense from the Cold War Era to the Present Day*, Zürich, March 9, 2017. (invited keynote)
- "The fall and rise of a peripheral physicist: A researcher's career from Swedish obscurity to international acclaim" *Research Seminar Pierre Bourdieu on Knowledge, Science & Power*, Tampere, Feb 17, 2017. (invited keynote)
- "Kroppar, krut & kjolar: Nymaterialistiska perspektiv på ofärdsårens politiska materialiteter", *9th Annual Conference on 19th-century research*, Jyväskylä, Jan 27, 2017.
- "Digital History 1.5: Conceptualizing near, liminal, semi-automatic or qualiquant digital history research", *Second Annual Digital History in Finland Conference*, arranged by Aalto University & University of Helsinki, Helsinki, 2 Dec 2016.
- "The imprint of terror: terrorism, political resistance and the sociomaterial affordances of 19th century media" at *MEVI2016 Finnish Conference for Media and Communications Research*, Helsinki, April 8, 2016.
- (with Petri Paju) "Historians digging in the text mine: Exploring blended close & distant reading of technical journals to understand Finnish history of industrialization, 1880-1910" at *1st Digital Humanities in the Nordic Countries Conference (DHN 2016)*, Oslo, March 16, 2016.
- (with Petri Paju) "History mining engineering journals: Exploring data mining to understand transnationalism of Finnish industrialization, 1880-1910" at *Digital History in Finland Conference*, Helsinki, Dec 9, 2015.
- (with Petri Paju) "History mining engineering journals: Exploring data mining to understand transnationalism of Finnish industrialization, 1880-1910" at *58th Annual Meeting of the Society for the History of Technology*, Albuquerque, Oct 8-11, 2015.
- "The mattering of globalization: The technopolitics of transnational terrorism during the Second Industrial Revolution", *7th Tensions of Europe Conference*, Stockholm, September 5, 2015.
- (with Petri Paju) "History mining engineering journals: Exploring transnationalism of Finnish industrialization, 1880-1910", *Finnish Science & Technology Studies Symposium*, Helsinki, 9 June 2015.
- "Imagineered communities: Technonationalism in Swedish Electric Power", *2nd Nordic STS Conference*, Copenhagen, 29 May 2015.
- "Motståndets materialitet: oppositionella ting, tekniker och kroppar under Finlands ofärdsår", *History of Science and Technology Days*, Lund, 16 April 2015.
- "History of Technology for Engineering Students: Conditions, Challenges & Possibilities", *History of Science and Technology Days*, Lund, 15 April 2015. (invited keynote)
- "Enacting Terrorism: Terrorism as Material and Mental Forms of Urban Life", *17th Finnish Urban Studies Days*, Tampere, 11 May 2015. (invited keynote)
- (with Gustaf Nelhans) "Engineering the War on Terror: The 9/11-effect on engineering research, 1989-2013" at *57th Annual Meeting of the Society for the History of Technology*, Dearborn, Nov 15, 2014.
- (with René Brauer & Mirek Dymitrow) "The Digital Shaping of Humanities Research: The Emergence of Topic Modelling within Historical Studies" at *8th Annual Danish Association of STS (DASTS) Workshop*, Roskilde, 13 June 2014.
- "The Emergence of Digital Humanities Research: Crossdisciplinary and transnational reflections by a becoming digital historian" at *Memornet Summer School*, Tampere, 12 June 2014. (invited keynote)

- “Securitizing Things: Securitization Theory through the Material Turn” at *Translations of Security*, Copenhagen, May 21, 2014. (invited keynote)
- (with René Brauer) “Distant Reading Topic Modeling in Historical Research” at *First Digital Humanities Symposium*, Helsinki, 14 February 2014.

77 conference presentations 1993-2013 in Austria, Belgium, Brazil, Canada, Denmark, Finland, Germany, Greece, the Netherlands, Norway, Singapore, Sweden, Turkey, UK and USA.

- “Two New Material and Political Histories of Use” at *56<sup>th</sup> Annual Meeting of the Society for the History of Technology*, Portland, MN, Oct 11, 2013. (President’s Roundtable distinguished session)
- (with René Brauer) “Historicizing Topic Models: A distant reading of topic modeling texts within historical studies,” *International Conference on Cultural Research in the Context of Digital Humanities*, St Petersburg, 3 Oct 2013. (participated in absentia)
- “The Industrialization of Physics: Erkki Laurila and the industrializing and industrialized physics”, *Academician Erkki Laurila Centennial Symposium*, Otaniemi, 20 Aug 2013. (invited keynote)
- “‘To Gas Masks’: Imagining and Prefiguring the Terror of the Next War,” *Imagined Technologies, Expected Progressions: An Interdisciplinary Conference on Technology’s Stories, Hopes, and (Broken) Promises*, Vadstena, 7 May 2013.
- “Buckets, bollards and bombs: Atomberedskapen i det långa och transnationella perspektivet”, *Den Kolde Krigs Kulturarv*, Museum Langelandsfort, 19 april 2013. (invited keynote)
- “Kartläggarna 2.0: Mot en digitalhumanistisk studie av teknovetenskapernas tillväxt under det industriella genombrottets Sverige”, *History of Technology and Science Days 2013*, Umeå, 22 March 2013.
- “Radicalizing Matter: Technopolitical Affordances of Transnational Terrorisms during Early Globalization,” *2012 Annual Millennium Conference: Materialism and World Politics*, London, 21 October 2012.
- “Imprinting Terror: Kittler, terrorism and the affordances of printing technology,” *Joint 2012 Annual Meeting of the Society for Social Studies of Science (4S) & 2012 Biennial Conference of the European Association for the Study of Science and Technology (EASST)*, Copenhagen, 19 October 2012.
- “Engineering Terrorisms: Technological Ingenuity, Innovation, and Impact in Urban Terror, 1807-2011,” *SHOT Prometheans Virtual Conference on Historical and Contemporary Studies of Disasters*, 18-23 September 2012 & *SHOT Prometheans SIG, SHOT Asia Network & Teach 3.11 Workshop on Historical and Contemporary Studies of Disasters*, Copenhagen, 7 October 2012.
- “Radicalizing Technologies: Revolutionists and the Technopolitical Affordances of Printing Technology during the long 19<sup>th</sup> Century,” *55<sup>th</sup> Society for the History of Technology (SHOT) Annual Meeting*, Copenhagen, 5 October 2012.
- “Underground Sweden: Prefiguring and performing the terrorist in 19th century counter-culture,” *Terrorism and the Literary Imagination: An International Symposium*, Uppsala, 8 September 2012.
- “Radicalizing Media: The Technopolitical Affordances, Agency and Effects of Media Technology”, *6th Annual Danish Association of STS (DASTS) Workshop*, Copenhagen, 30 May 2012.
- “Imprinting Terror: Underground Presses, Hectographs and 19th Century Print Terrorism”, *2012 Annual Meeting of the Danish Philosophical Society*, Roskilde, 3 March 2012.
- (with Gustaf Nelhans) “Securitizing Technoscience: The 9/11-effect on the Research Landscape”, *2011 Annual Meeting of the Society for Social Studies of Science (4S)*, Cleveland, 4 November 2011.
- “Security in a Box: Recovering Material and Discursive Phenomenologies of Forgotten Hopes and Fears”, *The Sensuous Object Workshop: How We Experience Material Objects through our Senses*, Medical Museion, Copenhagen, 29 September 2011. (invited keynote)
- “Affording Terrorism: Material Agencies and Artifactualities in the Co-Shaping of Modern Terrorism,” *Technology and Security: 17<sup>th</sup> International Biennial Conference of the Society for Philosophy and Technology (SPT)*, Denton, TX, 29 May 2011.
- (with Gustaf Nelhans) “Securitizing Sciences: Towards an Understanding of the 9/11-effect on the Research Landscape, 1990-2010”, *Fifth Swedish STS Network Meeting*, Linköping, 23-24 March 2011.
- “The thingness of terrorisms: The artifacts, affordances and affects of the materialities of fear”, *2011 Annual Meeting of the Danish Philosophical Society*, Copenhagen, 5 March 2011.
- “Bullets, Bombs and Broadides: Sociotechnical Affordances in the Origin of Modern Terrorism”, *Centre for the Study of Terrorism and Political Violence (CSTPV) Workshop on Affordance and Terrorism and Political Violence*, London, 2 Feb 2011. (invited keynote)

- "The Power of Things: Towards a Phenomenological History of Technology," *52nd Society for the History of Technology (SHOT) Annual Meeting*, Tacoma, WA, 30 Sept- 3 Oct 2010.
- "Teaching Biosciences and Society with a Focus on Biosecurity", *International Alliance of Research Universities (IARU) Workshop: The Transforming Power of Global Education*, Singapore, 13 August 2010. (invited presentation)
- "The Terror of Things: The Materialities and Mentalities of Terrormindedness", *4th Annual Danish Association of STS (DASTS) Workshop*, Copenhagen, 11 June 2010.
- "The Terror of Things: The Materialities and Mentalities of Terrormindedness, 1935-1944", *Third Annual Conference of the International Society for Cultural History (ICHS)*, Turku, 26-30 May 2010.
- "Affording Determinism: Material Agency and Artifactualities in the Shaping of Terrorism", *Fourth Swedish STS Network Meeting*, Uppsala, 19 Nov 2009.
- "Gunning at Determinism: Affordances, Agencies and Artifactualities in the Shaping of Terrorism", *51st Society for the History of Technology (SHOT) Annual Meeting*, Pittsburgh, 18 Oct 2009.
- (with Louise Saabye Rasmussen) "Securitizing Bioterrorism: Mediating Bioterrorism in Danish Newspapers, 1994-2006", at: *Terror Studies in the Nordic Conference*, Copenhagen, 29 Sept 2009.
- "Terroriserande ting: Teknologins politiska möjligheter och makt på individuell och global nivå", Session: Historiens materialiteter, at *Dansk Historikermøde 2009*, Copenhagen, 21 Aug 2009.
- "New Women's Work, Women's New Terrorisms: The Material Practices of Female Terrorists during the First Wave of Modern Terrorism", at: *Women in the World of Violence: Wars, Revolutions, Terrorism and Extremism*, Södertörn, April 3, 2009.
- "Det resonabla våldet: Framtidstro, teknik och vetenskap i den 'terroristiska revolutionen'", *1880-tal: Kulturhistoria i ett nytt samhälle : Kulturhistoria, samhällsdebatt och civilisationskritik i 1880-talets Sverige*, Lund, 26 Feb 2009. (invited presentation)
- "Security and Terror", *CAST Inaugural Conference*, Copenhagen, 12 Sept 2008. (invited presentation)
- "The Terror of the Word: Clandestine Print Culture in the Scientific and Technological Origins of Modern Terrorism", *The Culture of Print in Science, Technology, Engineering, and Medicine Conference*, Madison, 12 Sept 2008.
- "Acculturating Terrorism: Print Culture in the Origins of Modern Terrorism", at: *Orientations: Inaugural Conference of the International Society for Cultural History (ICHS)*, Ghent, Aug 30, 2008.
- "Terrorism of the Word: Insurrectionary Print Technologies and the Origins of Modern Terrorism", *35th International Committee for the History of Technology (ICOHTEC) Symposium*, Victoria, 5 Aug 2008.
- "Smoking Guns: The Affordance and Posthumanism of the Civilian Firepower Revolution and the Technological Origins of Modern Terrorism, 1878-1914", *6th Joint Meeting of the British Society for the History of Science (BSHS), Canadian Society for the History and Philosophy of Science (CSHPS), & History of Science Society (HSS)*, Oxford, 5 July 2008.
- "Gunning for Determinism: The Role of the Affordances and Artifactualities of the Civilian Firepower Revolution in the Origins of Modern Terrorism", *2nd Annual Danish Association of STS (DASTS) Workshop*, Århus, 5 June 2008.
- "Coping with Riskmindedness: Towards A Framework for the Cultural Analysis of the Managementalities of Man-Made Risks", *4th ESF/NATO Forward Look Initiative Workshop: Security - Advancing a Framework for Enquiries (SAFE)*, Istanbul, 22 May 2008. (invited paper)
- "The Affordances of Terrorism and the Missing Firepower Revolution", *History of Technology and Science Days*, Stockholm, 8 April 2008.
- "Domesticating Terrorism: Mentalities and Materialities of Urban Terrormindedness with an Emphasis on the Role of Surveillance Technologies", *First Danish Surveillance Studies Workshop*, Århus, 28 March 2008. (invited paper)
- "Turn, Turn, Turn, Turn and Beyond the Turns: States of the Art, Current and Future Research in History of Science", *PHIS Graduate Conference 2007*, Sandbjerg, 7 Dec 2007. (invited keynote)
- "Matter Matters: Thinking Historically with Things from Thing Tales to New Materialisms", *Telling the Past Now: Historiographies for the 21st century*, Århus, 23 Nov 2007. (invited keynote)
- "How We Learned to Live With the Bombs: Mentalities and Materialities of Urban Terrormindedness", *SHOT 50th Anniversary NSF Workshop*, Arlington, 18 October 2007. (invited paper)
- "Learning to Live with Terror: Domestication of Fear and Development of Terrormindedness during Regimes of Urban Terror", *Interrogating Terror Conference*, Brighton, 14 September 2007.
- "Engineering Terror: The Role of Engineers and Engineering in the Development of Modern Terrorism", *First Global Conference on Fear, Horror and Terror*, Oxford, 12 September 2007.

- (with Bernard Geoghegan) "Designing Terror by Air and Underground: The Postwar Construction of 'Leaflet Bombs'", *34th ICOHTEC Symposium*, Copenhagen, 16 August 2007.
- "Contesting Technology: Pseudotechnologies as Windows on Lost *Mentalités*", Session: Breaking new ground in the history of science and technology, *Varieties of Cultural History: Theory and Practice in the Cultural Histories of Medicine, Science, Literature, and the Arts*, Aberdeen, 7 July 2007.
- "Engineering Resistance: Corporate Luddism against Radical Innovation during the Third Industrial Revolution", *First Annual DASTS Workshop*, Copenhagen, 3 May 2007.
- "Establishing Terrormindedness: Domesticating Threats against Terror, Law and Order during Regimes of Terror, 1919-2011", *Establishing Power, Law and Order: Nordic Summer University Winter Symposium 2007*, Copenhagen, 11 March 2007.
- "Explosive Knowledge: The Democratization and Popularization of Science and the History of Terrorist Bomb-Making", *Annual Meeting of the Danish National Committee for the History and Philosophy of Science*, Copenhagen, 27 January 2007.
- "The Tools of Terror: Towards a History of Technology of Terrorism from the Guillotine to the Camcorder", *48th SHOT Annual Meeting*, Las Vegas, 13 Oct 2006.
- "The Contradictions of 'Corporate Luddism': Resistance to Radical Technological Innovation during the Third Industrial Revolution", *33rd ICOHTEC Symposium*, Leicester, 19 Aug 2006.
- "Of Books and Bombs: The Manualization and Materialization of the Scientific Knowledge of Terrorism", at: *Material Cultures and the Creation of Knowledge*, Edinburgh, 24 July 2005.
- "Resisting innovation: Radical technical and institutional change in electric power during the Third Industrial Revolution, 1987-2000", *46th SHOT Annual Meeting*, Amsterdam, 8 Oct 2004.
- "Engineering National Power: Techno-Nationalism in 20<sup>th</sup> Century Swedish Electric Power", *The National Identities of Engineers: Their Past and Present*, Syros, July 13 2004.
- "The French Connection: HVDC, IEE and the missing links in the history of electric power", *IEE History of Technology Professional Network Launch & Summer Meeting*, Birmingham, 5 July, 2002.
- "Humanities and Engineering at Imperial College", *American Society for Engineering Education (ASEE) Annual Conference & Exposition*, Montréal, 18 June, 2002.
- "Teaching the History of Technology at KTH, MIT and Imperial College", *Teknikhistoriska dagarna*, Norrköping, 18 April, 2002.
- (with Claes-Fredrik Helgesson) "Rewarping Seamless Webs: The Network Biographies of Artifacts", *Annual Meeting of Society for the Social Studies of Science (4S)*, Cambridge, 2 Nov 2001.
- "Switching in a National Relation: Public-Private Cooperation in Postwar Sweden", *IEEE Conference on the History of Telecommunications*, St John's Newfoundland, 26 July 2001
- (with Claes-Fredrik Helgesson) "Rewarping Seamless Webs: The Network Biographies of Industrial Artifacts", *42nd SHOT Annual Meeting & Jahrestagung der Gesellschaft der Technikgeschichte*, München, 16 August 2000.
- (with Claes-Fredrik Helgesson) "Rewarping the Seamless Web: The Variable Network of Two Industrial Artefacts", *Teknikhistoriska dagar 2000*, Stjersund, 30 May 2000.
- "The Tough Love of Development Pairs: Connecting the Demand of the State and the Supply of Industry", *3rd Triple Helix International Conference*, Rio de Janeiro, 27 April 2000.
- "Den sociotekniska ingenjörskonsten: Ett ramverk för att analysera utveckling, entreprenörskap och projektledning", *Nordisk workshop om industriell och teknisk förändring*, Kålmården, 25 Nov 1999.
- "Doktorerandets val och kval", *Nordisk workshop om industriell och teknisk förändring*, Kålmården, 24 Nov 1999.
- "Switching Relations: Government Development Procurement of an Electronic Computerized Switch", *4th Innovation Systems and European Integration (ISE) Workshop*, Vienna, 17 Sept 1997.
- "Shaping the Tools of Competitiveness: GTP and the Making of New Products and Power", *4th ISE Workshop*, Vienna, 17 Sept 1997.
- Government Technology Procurement and the Making of HVDC Products and Power, 1919-1965", *3rd ISE Workshop*, Athens, 15 March 1997.
- Government Development Procurement of a Swedish Electronic Computerized Switching System, 1955-1980", at: *3rd ISE Workshop*, Athens, 15 March 1997.
- "Teknikens konstruktion av det svenska: Industrinationalism i industriutställningar, företag och vattenkraftverk, 1897-1914", *Kollektive identiteter, ting og betydninger*, Oslo, 17 October 1996.
- "Powerful Links & Channels of Communication: User-Producer Relations in Swedish Electric Power and Telecommunication, 1910-1980", *Teknisk och industriell utveckling*, Wiik, 23 Nov 1995.

- "The Second Battle of the Currents: A Comparative Study of Engineering Nationalism in German and Swedish Electric Power", *4S & SHOT Joint Annual Meetings*, Charlottesville, 20 Oct 1995.
- "The 'Tough Love' of Joint Public-Private R&D: Importance of User-Producer Relationships in Development", *IEEE Professional History Conference*, Williamstown, 3 August 1995.
- "Att studera det enskilda via det allmänna: Ett utvecklings-samarbetes historia sett genom strukturer och kulturer", *Idé- och vetenskapshistorisk konferens*, Stockholm, 25 April 1995.
- "Visioner om nationell kraft och utveckling: Industrinationalism och ingenjörskultur speglad i 1900-talets svenska vattenkraftsutbyggnad", *Teknikhistoriska Dagar*, Lund, 20 April 1995.
- "De teknologiska utvecklingsparens dynamik: Långvariga relationer kring utvecklings-samarbeten inom infrasytem", *Vetenskapshistoriska dagar*, Stockholm, 28 Oct 1994.
- "Tekniska utvecklingspar - en länk mellan sociotekniska system och innovativa nätverk", *Teknisk och industriell utveckling*, Gothenburg, 19 November 1993.
- "The 'Development Pair', Industrial Innovation, and Systems Growth: Cooperation Between Asea and the State Power Board", *35th SHOT Annual Meeting*, Washington, D.C., 16 Oct 1993.
- "Historiska artefakter på plasmafysik på KTH", *Symposium Vetenskapliga instrument som historieberättare*, KVA, Stockholm, 20 September 1989.

### **Invited Talks & Colloquia**

- *Department of Communication and Arts Colloquium*, Roskilde University, 26 November 2018.
- *Posthumanist History of Science Reading Group*, Max Planck Institute for the History of Science, Berlin, 8 November 2018.
- *Digital Humanities Workshop*, Research IT Group, Max Planck Institute for the History of Science, Berlin, 16 Oct 2018.
- *Technology and Social Change Colloquium*, Linköping University, 18 April 2018.
- *ValueS Seminar*, Linköping University, 18 April 2018.
- *Child Studies Colloquium*, Linköping University, 17 April 2018.
- *School of History and Culture of Science Colloquium*, Shanghai Jiao Tong University, 19 Dec 2017.
- *Shanghai Library Institute of Scientific and Technological Information Seminar*, Shanghai, 19 Dec 2017.
- *Peking University Digital Humanities Team Seminar*, Peking University, 13 Dec 2017.
- *Institute of Advanced Studies in Humanities & Social Sciences Colloquium*, Nanjing University, 18 Dec 2017.
- *Digital Humanities Center Seminar*, Nanjing University, 15 Dec 2017.
- *Department of History of Science & Scientific Archaeology Seminar*, University of Science and Technology of China(USTC), Hefei, 14 Dec 2017.
- *Peking University Digital Humanities Team Seminar*, Peking University, 13 Dec 2017.
- *Helsinki Digital Humanities Research Seminar*, Helsinki Centre for Digital Humanities, 12 Oct 2017.
- *Summer Treats - New Projects in History of Science*, Max Planck Institute for the History of Science, Berlin, 22 June 2017.
- *The HumLab Seminar*, Umeå University, 18 May 2017.
- *The History of Science and Technology Seminar*, Chalmers Technical University, 10 May 2017.
- *Digital Resources and Services Colloquium*, University of Borås, 18 April 2017.
- *Center for Security Studies Colloquium*, ETH, Zürich, 8 March 2017.
- *Department of History Distinguished Speakers Series*, Auburn University, 6 October 2016.
- *Division of History of Science, Technology and Environment*, KTH, 26 Sept 2016.
- *Oxford University Museum of the History of Science*, Oxford, 23 May 2016.
- *The Knowscience Seminar*, Lund University, 20 April 2016.
- *Centre for Nordic Studies*, University of Helsinki, 14 April 2016.
- *The Consortium for Research on Terrorism and International Crime*, Norwegian Institute of International Affairs (NUPI), 18 March 2016.
- *Centre for Technology, Innovation and Culture (TIK)*, University of Oslo, 14 March 2016..
- *C-REX - Center for Research on Extremism*, University of Oslo, 14 March 2016.
- *Centre for Digital Humanities*, University of Gothenburg, 8 March 2016.
- *Karolinska Institute Unit for the Medical History and Heritage*, Stockholm, 2 March 2016.
- *The Swedish Historical Society*, Helsinki, 20 Oct 2015.

- *History of Technology Research Colloquium*, Technical University Berlin, 5 Jan 2015.
- *Department of History of Science & Scientific Archaeology*, University of Science and Technology of China (USTC), Hefei, 29 Nov 2014.
- *Institute for History of Science & Technology*, Inner Mongolia Normal University, Hohhot, 26 Nov 2014.
- *Institute for the History of Natural Sciences*, Chinese Academy of Sciences, 22 Nov 2014.
- *Institut for Science, Technology & Social Development*, Harbin Normal University, China, 21 Nov 2014.
- *Eudaimonia Research Center*, University of Oulu, 21 October 2014.
- *Department of Strategic and Defence Studies* Finnish National Defence University, 16 May 2014.
- *Department of History and Social Science*, University of Tampere, 6 May 2014.
- *Knowledge, Science, Technology Research Seminar*, University of Tampere, 7 Feb 2014.
- *Department of History Research Colloquium*, Åbo Academy University, 21 Jan 2014.
- *The Capitalism, State and Society Seminar*, University of Helsinki, 25 Nov 2013.
- *Department of Cultural History*, University of Turku, 5 Nov 2013.
- *ETLA Seminars*, ETLA – The Research Institute of the Finnish Economy, Helsinki, 1 Nov 2013.
- *Department of History of Ideas and Learning*, Uppsala University, 24 Oct 2013.
- *Division of History of Science, Technology and Environment*, KTH, 21 Oct 2013.
- *Graduate Seminar of Economic and Social History*, University of Helsinki, 11 Sept 2013.
- *Centre for the History of Science, Technology & Medicine*, University of Manchester, 17 April 2013.
- *School of Library and Information Science Colloquium*, University of Borås, 12 Nov 2012.
- *Urban Safety and Societal Security Research Center (URBSEC)*, University of Gothenburg, 19 Sept 2012.
- *Centre for Technology, Innovation and Culture (TIK)*, University of Oslo, 29 Aug 2012.
- *Consortium for Research on Terrorism and International Crime*, Norwegian Institute of International Affairs (NUPI), 28 Aug 2012.
- *Forum for Civil Society and Social Movement Research & Gothenburg Centre of Globalization and Development*, University of Gothenburg, 8 May 2012.
- *Norwegian Museum of Science, Technology and Medicine*, Oslo, 27 April 2012.
- *Dept of Cultural Studies and Languages & Centre for Risk Management and Societal Safety (SEROS)*, University of Stavanger, 25 April 2012.
- *Dept of Social Sciences*, Luleå University of Technology, 19 April 2012.
- *Institute for Innovation and Entrepreneurship*, University of Gothenburg, 9 March 2012.
- *Research Policy Institute Colloquium*, Lund University, 16 February 2012.
- *The Media History Colloquium*, Lund University, 15 February 2012.
- *Danish Society for the History of Technology Annual Meeting*, Odense, 17 September 2011.
- *Department of History of Science and Technology*, KTH, Stockholm, 16 May 2011.
- *Nobel Museum Research Seminar*, The Nobel Museum, Stockholm, 19 April 2011.
- *Department of Literature, History of Ideas & Religion*, University of Gothenburg, 14 April 2011.
- *Centre for Advanced Security Theory*, University of Copenhagen, 13 March 2011.
- *Science and Technology Studies Workshop*, Roskilde University Center, 29 October 2010.
- *The Chalmers Seminar in ICT & Information Society*, Chalmers University of Technology, 24 May 2010.
- *Department of History of Science and Ideas*, Lund University, 21 May 2010.
- *School of Design*, The Glasgow School of Art, 15 April 2010.
- *Centre for the Study of Terrorism and Political Violence*, University of St Andrews, 13 April 2010.
- *Historical Studies Colloquium*, Malmö University, 23 Sept 2009.
- *Understanding Technology*, National Museums Scotland & University of Edinburgh, 17 Sept 2009.
- *Department of Economic and Social History & Centre for Business History in Scotland*, University of Glasgow, 17 Sept 2009.
- *Drexel Engineering Cities Initiative*, Drexel University, 21 May 2009.
- *Department of History of Science and Technology*, KTH, Stockholm, 17 Nov 2008.
- *The Danish National Research Network for Terrorism Studies*, Copenhagen, 30 Sept 2008.
- *Center for Contemporary History and Policy*, Philadelphia, 19 Sept 2008.
- *Beckman Center for the History of Chemistry*, Philadelphia, 16 Sept 2008.
- *Dept of History and Sociology of Science*, University of Pennsylvania, Philadelphia, 15 Oct 2008.
- *Network for Material Culture, Cognition and Nature*, Aarhus University, 25 March 2008.

- *Department of History, Iowa State University, Ames, 7 Feb 2008.*
- *Aarhus Network for Science, Technology, and Medicine Studies, Aarhus University, 4 Feb 2008.*
- *Medical Museion, University of Copenhagen, 29 January 2008.*
- *Centre for Business History, Norwegian School of Management (BI), Oslo, 17 January 2008.*
- *RIDE Seminar, Chalmers University of Technology, Gothenburg, 13 April 2007.*
- *Steno Institute, Aarhus University, 13 November 2006.*
- *Danish Society for the History of Science, Copenhagen, 31 October 2006.*
- *Danish Society for the History of Technology Annual Meeting, Copenhagen, 6 September 2006.*
- *Klopsteg Seminar in Science in Human Culture, Northwestern University, 6 January 2006.*
- *Institute for the Study of Science, Technology & Innovation (ISSTI), University of Edinburgh, 25 July 2005.*
- *Program in the History of Science, Technology, Environment and Medicine, Case Western, 12 April 2005.*
- *Department of History of Science, University of Wisconsin-Madison, 16 March 2005.*
- *The Newberry Library Seminar on Technology, Politics and Culture, Chicago, 26 January 2005.*
- *Dept of Business Administration & Social Sciences, Luleå University of Technology, 12 Nov 2004.*
- *ONR Distinguished Lecture, Office of Naval Research (ONR), Arlington, 27 October 2004.*
- *Klopsteg Seminar in Science in Human Culture, Northwestern University, 5 November 2004.*
- *Centre for the History of Science, Technology and Medicine, Imperial College London, 17 March 2004.*
- *Committee on the Conceptual and Historical Studies of Science & Morris Fishbein Center for the History of Science and Medicine, University of Chicago, 30 January 2004.*
- *Science Studies Unit, University of Edinburgh, 26 June 2003.*
- *Department of History and Philosophy of Science, University of Cambridge, UK, 15 March 2003.*
- *Swedish Institute for Studies in Education and Research (SISTER), Stockholm, 14 May, 2002.*
- *Committee for History of Technology and the Environment, University of Virginia, Charlottesville, 10 September 2001.*
- *Program in Science, Technology, and Society, MIT, Cambridge, Mass., 30 April 2001.*
- *Idé- och lärdomshistoriskt Symposium, Gothenburg University, 24 March 2000.*
- *Department of History of Science and Technology, KTH, Stockholm, 6 March 2000.*
- *CHSTM Postgraduate Workshop Seminar, University of Manchester, 8 Feb 2000*
- *Department of Technology and Society, Chalmers University of Technology, 14 Feb 2000.*
- *VTI-Seminar, Uppsala University & KTH, Stockholm, 15 Nov 1999.*
- *Systems of Innovation Research Program & Man, Information Technology, Society (MITS), Linköping University, 8 Nov 1999.*
- *Seminar om infrasystem och hållbarhet i historiskt perspektiv, FRN & KTH, Finnhamn, 26 Sept 1997.*
- *The Enskog Heritage, arranged by The Nobel Institute of Physics of the Royal Swedish Academy of Sciences & Department of Mechanics, KTH, Stockholm, 23 September 1997.*
- *Centre for Economic History, Norwegian School of Management (BI), Sandvika, 16 October, 1996.*
- *Department of Technology and Social Change. Linköping University, Linköping, 30 Nov 1995.*
- *Office for the History of Science, Uppsala University, 6 April 1995.*
- *Centre de Sociologie de l'Innovation (CSI), Ecole des Mines, Paris, 7 July 1994.*
- *Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, 22 Oct 1993.*

## G. TEACHING EXPERIENCE

### *Assessment of teaching proficiency*

- *Graded "Very Good" (4 out of 5), Teaching Competence Evaluation Committee of Aalto School of Engineering, Aalto University, 2017.*
- *"An outstanding record in teaching at university level both in Sweden and abroad in areas that fit very well with a technical university" Assessment Committee for Tenured Associate Professorship in History of Technology, Technical University of Denmark (DTU), 2005.*

### *Pedagogic Education*

- PEDDA-131.1000 *A! Peda Intro*, 5 ECTS, Aalto University, 2013.
- HPE201 *Supervision in Postgraduate Education*, 5 ECTS, University of Gothenburg, 2011.
- *Programme for PhD Supervisors*, Module 1 & 2, DTU, 2006-07.
- *Education in University Teaching at DTU (UDtU)*, Module 1-3, 6.5 ECTS, DTU, 2006/07.
- *PowerPoint in Teaching*, LearningLab DTU, DTU, 2007.
- *Core Workshops in Learning & Teaching for Probationary Staff*, Module A & B, Imperial College Center for Educational Development, Imperial College London, 2001/02.

### ***Educational Leadership***

- 2011-2013, *Coordinator of Studies for Theory of Science*, Department of Philosophy, Linguistics & Theory of Science, Faculty of Humanities, University of Gothenburg, Sweden.
- 2007-08, *Board of Directors*, The Danish Research Training Programme of Philosophy, History of Ideas and History of Science (PHIS)
- 1998-99, *Working Group for Migration, Minorities and Cultural Exchange*, Swedish Consortia for National Distance Education (KTH representative)

### ***Courses Developed & Taught***

I have developed almost all of the 38 courses that I since 1992 have taught at altogether 58 occasions in 12 universities within five different national systems of higher education in Denmark, Finland, Sweden, UK, and USA.

#### Malmö University, Malmö, Sweden

- (PhD) *History of Terrorism and Antiterrorism* 7.5 ECTS 2017/18

#### Aalto University, Helsinki, Finland

- MEC-E9020 *Perspectives on Industrial & Technological Change* 3-6 ECTS 2017/18
- MEC-E9110 *Introduction to History of Science, Technology & Innovation*, 3-6 ECTS 2016/17, 17/18
- MEC-E9998 *De finska ofärdsårens teknik-, vetenskaps & mediahistoria, 1898-1905* 2014/15, 15/16  
1-5 ECTS 16/17, 17/18
- MEC-E9999 *Science, Technology and Media in the History of Global Terrorism* 2014/15, 15/16  
1-5 ECTS
- KON-0.4730 *The Cultural History of Technology* 3 ECTS 2013/14, 14/15, 15/16
- KON-0.4760 *Science, Technology, and Media of Terrorism & Security*, 5 ECTS 2013/14, 14/15
- (PhD) KON-41.5000 *Research Scientist Basic Course P*, 5 ECTS (Co-taught) 2013/14, 14/15, 15/16

#### University of Gothenburg, Gothenburg, Sweden

- (PhD) *Materialities, Thing Theories & Material Culture: Perspectives on the Material Turn* 7.5 ECTS 2012/13
- NTH101 *Theoretical and Historical Perspectives on Science*, 5 ECTS (Co-taught) 2010/11, 11/12, 12/13
- FHV221 *Science in Perspective*, 6 ECTS (Co-taught) 2010/11

#### University of Copenhagen, Copenhagen, Denmark

- *Cultural History of Terrorism and Security since 1789*, 15 ECTS 2010/11

#### Technical University of Denmark (DTU), Lyngby, Denmark

- *History of Technology*, 5/10 ECTS 2010/11
- *History and Culture of Engineering*, 5/10 ECTS 2007/08
- *Science, Technology and Terrorism*, 5/10 ECTS 2006/07
- *Historical Perspectives on Chemical and Biological Terrorism*, 10 ECTS 2006/07

#### Aarhus University, Aarhus, Denmark

- *History and Culture of the Natural Sciences* 10 ECTS 2007/08
- (PhD) *How and Why to Care about Historiography* (Co-taught) 2007/08
- *Technologies of Fear: Understanding the Mechanics of State and Terror* (Module) 2006/07

Lund University, Lund, Sweden

- (PhD) *The New Materialism in History of Science, Technology & Medicine*, 5 ECTS 2006/07

Northwestern University, Evanston, IL, USA

- History 275, *History of Modern Sciences and Medicine* 2004/05
- History 325, *History of American Technology* 2004/05, 05/06
- History 392, *History of Political Terrorism* 2005/06
- Intl St/History 390, *Terrorism* 2004/05, 05/06
- Intl St/History 395, *Contexts of International Terrorism* 2004/05, 05/06
- Intl St/History 395, *Science and Technology of Terror* 2005/06
- (PhD) History 499 *History of Terrorism* 2005/06
- (PhD) History 499 *History and Sociology of Technology* 2004/05

Imperial College London, University of London, London, UK

- *Core Course: Introduction to History of Science, Technology & Medicine (Co-taught)* 2001/02, 02/03
- *Science, Medicine and Technology in the Twentieth Century (Co-taught)* 2001/02, 02/03
- *Sciences in the Age of Industry 1750-1920 (Co-taught)* 2002/03
- *History of Technology* 2001/02, 02/03
- *History of Science* 2002/03
- *Humanities Essay* 2002/03

Stockholm School of Economics (HHS), Stockholm, Sweden

- *Technical Development in Historical Perspective* 1993/94, 94/95 KTH

Royal Institute of Technology, Stockholm, Sweden

- *Introduction to History of Technology (Co-taught)* 1992/93,  
93/94 *International Course in the History of Science and Technology (Co-taught)* 1992/93

**Invited International Guest Lectures**

- China (PRC): *Harbin University* (2014), *University of Science and Technology of China* (2014, 2017)
- Denmark: *Roskilde University* (2013, 2014, 2015)
- Germany: *Technical University Berlin* (2015)
- USA: *Brown University* (2013), *Whitman College* (2011)
- Sweden: *Chalmers University of Technology* (1998, 2000, 2017), *University of Gothenburg* (2013, 2014), *Linköping University* (2000), *Uppsala University* (1995, 1996), *Lund University* (1996)

**Undergraduate Thesis Supervision**

- Martin Schubert, *Debatten som förts i National Geographic om olje- och naturgasutvinning i Arktis*, BSc Thesis in Engineering (Aalto University, 2018), ii+26 pp.
- Jami Kajander, *Allmänhetens inverkan på återuppbyggandet av Ground Zero i New York 2001-2014*, BSc Thesis in Engineering (Aalto University, 2018), 32 pp.
- Annika Lehto, *Teknik som terrorskydd och terrorhot speglad genom tidskriften Tekniikka ja Talous, år 2000-2011*, BSc Thesis in Engineering (Aalto University, 2017), 17+iv pp.
- Axel Bjurs, *Förändringar i New Yorks byggnormer efter 11-septemberattackerna*, BSc Thesis in Engineering (Aalto University, 2017), ii+24 pp.
- Michael Hirvonen, *How the events of 9/11 influenced aviation technology*, BSc Thesis in Engineering (Aalto University, 2016), iii+20 pp.
- Oscar Lindfors, *En analys av Eric Tigerstedts patent inom det audiovisuella området, [An analysis of Eric Tigerstedt's patents in the audio-visual field]*, BSc Thesis in Engineering (Aalto University, 2015), 33 pp.
- Louise Saabye Rasmussen, *Perceptions and Images of the Threat of Bioterrorism among Danish Media, Bio-professionals and Non Bio-professionals, 1994-2006*, BEng Thesis in Chemistry and Biotechnology (DTU, 2009), 124 pp.
- Andrew William Proksel, *Tightening the Web: Balancing Intellectual Property Rights in the Digital Age*, Senior Thesis in American Studies (Northwestern University, 2006), 42 pp.
- Gareth Gretton, *Decline, De-industrialisation and the British Economy*, Humanities Essay (Imperial College London, 2003), 57 pp.

## H. POSTGRADUATE STUDENT SUPERVISION & EXAMINATION

### *Postgraduate Student Supervision*

#### MSc Thesis Advisor:

- René Brauer, *Synthesizing Time Geography and Actor-Network Theory: An Ontological Discussion Combining Time Geography and Actor-Network Theory Concepts with Regard to Telepresence* (MSc Thesis in Geography, University of Gothenburg, 2012).
- Fredrik Janson, *Review of Peer Instruction and Tutorials: Survey and Comparison with the Traditional Method* (Masters Thesis in Education, University of Gothenburg, 2012).
- Andrew Cunningham, *Lock-in of the Plugs: The History of the Technological Lock-In of Mains Plugs in the USA and the UK*, (MSc Thesis in History of Science, Medicine and Technology, Imperial College London, 2003), 55 pp.
- David Rooney, *Better Light – Better Sight: The Science Museum and the War for Electric Lighting*, (MSc Thesis in History of Science, Medicine and Technology, Imperial College London, 2002), 47 pp. (Awarded distinction)

#### MSc Course Tutor:

- Elton Zack Welford, Imperial College London, 2002-03.
- Waqar Zaidi, Imperial College London, 2002-03. (PhD (2008) & Assist. Professorship (2013))

#### PhD Dissertation supervision

- Principal Advisor
  - Saara Matala (History of Industrialization), *The Finlandisation of Shipbuilding: Industrialisation, the State, and the Disintegration of a Cold War Shipbuilding System*, Aalto University, 2014-2019.
  - Gustaf Nelhans (Theory of Science and Research), *Citeringens praktiker: Det vetenskapliga publicerandet som teori, metod och forskningspolitik*, University of Gothenburg, 2011-2016.

#### *External PhD Dissertation Review*

- (Mid-term review) Peter Bennesved (History of Science and Ideas), *Sheltered Society: The history of ideas of the bomb shelter*, Umeå University, 19 May 2017.
- (Mid-term review) Pascale Blyth (Planning and Transportation), *Self-Driven Finland: Accessibility and mobility in the era of self-driving cars*, Aalto University, 3 April 2017.
- (Mid-term review) Johan Gärdebo (History of Technology), *A sense for the environment: The rise of Swedish satellite observation, 1972-1998*, KTH Royal Institute of Technology, Sept 26, 2016.
- (First-year review) Connie Svabo (Space, Place, Mobility & Urban Studies), *Portable objects at the museum*, April 30, 2007.

#### *PhD Dissertation Examination*

- External Faculty Opponent:
  - Petter Johansson (Industrial Engineering and Management), *A Silent Revolution: The Swedish Transition towards Heat Pumps, 1970–2015*, KTH Royal Institute of Technology, 10 Nov 2017.
  - Elena Kochetkova (Economic and Social History) *The Soviet Forestry Industry in the 1950s and 1960s: A Project of Modernization and Technology Transfer from Finland*, University of Helsinki, 27 May 2017.
  - Roine Viklund (History of Technology), *Riksgränsbanans elektrifiering: Stat och företag i samverkan 1910-1917*, Luleå University of Technology, 20 April 2012.
  - Magnus Rodell (History of Science and Ideas), *Att gjuta en nation: Statyinvigningar och nationsformering i Sverige vid 1800-talets mitt*, Uppsala University, 5 April 2002.
- Dissertation Pre-Examiner:
  - Elena Kochetkova (Economic and Social History) *The Soviet Forestry Industry in the 1950s and 1960s: A Project of Modernization and Technology Transfer from Finland*, University of Helsinki, 2017.
  - Jürgen Poesche (Industrial Engineering and Management), *Legitimization of Science and Technology: From the French Pragmatic Sociology and the Annales School to Complex and Recursive Recombination*, Aalto University, 2014.
- Dissertation Examination Committee:
  - Max Rolfstam (Innovation Studies), *Public Procurement of Innovation*, Lund University, 13 June

2008.

- **Chairman of Dissertation Examination:**

- Saara Matala (History of Industrialization), *The Finlandisation of Shipbuilding: Industrialisation, the State, and the Disintegration of a Cold War Shipbuilding System*, Aalto University, 19 January 2019.
- Gustaf Nelhans (Theory of Science and Research), *Citeringens praktiker: Det vetenskapliga publicerandet som teori, metod och forskningspolitik*, University of Gothenburg, 27 September 2013.

### **Postdoctoral supervision**

- Dr Mila Oiva (PhD University of Turku 2017), Aalto University, 2017-18.
- Dr Matti La Mela (PhD European University Institute 2016), Aalto University, 2017-18.

## **F. PROFESSIONAL SERVICE**

### **Elected & appointed positions**

- **Journal Editorial Boards:**
  - *Human IT: Journal for Information Technology Studies as a Human Science*, 2018-present
  - *Fabrik & Bolig: det industrielle miljø i Norden*, 2016-present
  - *The International Journal for History of Engineering & Technology*, 2008-present
  - *ICON: The Journal of the International Committee for the History of Technology*, 2012–16.
- **Society for the History of Technology (SHOT):**
  - *Exploring Diversity in Technology's History Conference Grant Committee*, 2017-present
  - *Executive Council*, 2015-17
  - *SHOT Mentor to Technology in Modern East Asia History Workshop*, 2016, 2017
  - *Abbot Payson Usher Prize Committee (Chair 2015)*, 2014–16
  - *Leonardo da Vinci Medal Committee*, 2006, 2015
  - *IEEE Life Members Prize in Electrical History Committee*, 2011
  - *Nominating Committee (Chair 2006)*, 2004–06
- **International Committee for History of Technology (ICOHTEC):**
  - *Executive Committee*, 2007-09
  - *Program Committee (Chair 2008)*, 2006-08
  - *Nominating Committee*, 2006-07
- **The Institution of Electrical Engineers (IEE) Professional Network in History of Technology:**
  - *Executive Team* 2002-05
- *International Advisory Board*, Center for History of Science, Royal Swedish Academy of Sciences (KVA), 2015-19
- *Research Advisory Board*, Swedish National Museum of Science & Technology, 2016-18.
- *Editorial Advisory Board*, Science History Publications / USA, 2007-12.
- **Aalto University, Finland:**
  - *Aalto University Research Ethics Committee (Vice-Chair 2016-17, Chair 2018)*, 2014–18
  - *Aalto School of Engineering Teaching Competence Assessment Committee (Vice-Chair)*, 2015-17
  - *Aalto University Swedish Language Issues Committee*, 2015-18.
  - *Aalto University Swedish Language Bachelor Seminar Responsibility Teacher*, 2015-17
  - *Aalto School of Engineering Undergraduate Student Academic Advisor*, 2014–18.
  - *Aalto School of Engineering Master Student Academic Advisor*, 2017–18.
- *Delegation of Foundation of Finland's Museum of Technology*, 2015-17 (Finland's universities of technology representative)
- *The Danish University Censor Corps for Political Science*, 2009-13
- *The Danish University Censor Corps for Physics*, For History and Theory of Science, 2008-10
- *Board of Directors*, The Danish Research Training Programme of Philosophy, History of Ideas and History of Science (PHIS), 2007-08
- **Imperial College London, UK:**
  - *Assistant Warden for Montpellier Hall of Residence*, 2001-03
- *Working Group for Migration, Minorities and Cultural Exchange*, Swedish Consortia for National Distance Education, 1998-99, (KTH representative)

**Scholarly Expert Review**External Evaluator:

- Tenured Associate Professorship in History of Technology, School of Humanities and Social Science, University of Science and Technology of China (USTC), People's Republic of China, 2018.
- Professorship in History with emphasis on History of the Finnish Society, School of Social Sciences & Humanities, University of Tampere, Finland, 2015.
- Adjunct Professorship (*Docent*) in Cultural History of Technology, Faculty of Humanities, University of Turku, Finland, 2015.
- Associate Professorship (*Docent*) & Senior Lectureship in History of Technology, Department of Technology Management & Economics, Chalmers University of Technology, Sweden, 2014.
- Assistant Professorship in Information Science focused on Surveillance Studies, Faculty of Humanities, Aarhus University, Denmark, 2010.

Peer-reviewer for scholarly journals:

- *Business History Review* (Harvard Business School)
- *Den jyske Historiker* (Aarhus University)
- *The Extractive Industries and Society* (Elsevier)
- *History and Technology* (Routledge)
- *History of Science* (Science History Publications)
- *Lychnos* (Swedish Association of History of Science and Ideas)
- *Nordicom-Information* (University of Gothenburg)
- *Polhem* (Swedish National Committee for the History of Science and Technology)
- *Perspectives on Terrorism* (Terrorism Research Initiative)
- *Review of International Studies* (Cambridge University Press)
- *Scandinavian Journal of History* (Taylor & Francis)
- *Slagmark* (Aarhus University)
- *Studies in Conflict & Terrorism* (Routledge)
- *Technology and Culture* (Johns Hopkins University Press)
- *Technology in Society* (Elsevier)
- *Terrorism and Political Violence* (Taylor & Francis)
- *Tidsskriftet Politik* (Association of Danish Lawyers and Economists)

Conference Paper Peer-Reviewer:

- *4th Digital Humanities in the Nordic Countries Conference (DHN 2019)*, Copenhagen, 2019.
- *1st European Association for the Digital Humanities Congress (EADH 2018)*, Galway, 2018.
- *3rd Digital Humanities in the Nordic Countries Conference (DHN 2018)*, Helsinki, 2018.
- *2nd Digital Humanities in the Nordic Countries Conference (DHN 2017)*, Gothenburg, 2017.
- *1st Digital Humanities in the Nordic Countries Conference (DHN 2016)*, Oslo, 2016.
- *2016 European Forum for Studies of Policies for Research and Innovation (EU-SPRI) Annual Conference*, Lund, 2016.
- *2015 European Forum for Studies of Policies for Research and Innovation (EU-SPRI) Annual Conference*, Helsinki, 2015.

Project Grant Review Panel

*The Panel for the Quality Based Redistribution of Funds Across Disciplines*, Swedish Research Council (VR) Appointed member of international review panel consisting of 9 senior researchers tasked to collectively allocate through review and grading of research project applications forwarded from VR's nine review panels in the humanities and social sciences.

- 2018: allocated estimated 60 million SEK to 15 project grant applications
- 2017: allocated estimated 70 million SEK to 20 project grant applications
- 2016: allocated estimated 55 million SEK to 12 project grant applications

Project Grant Reviewer:*The Leverhulme Trust, United Kingdom:*

- Research Project Grant (2015)

*Technische Universität Berlin, Germany:*

- International Post-Doc Initiative (IPODI) Fellowship (2015)

*Foundation for Baltic and East European Studies, Sweden:*

- Research Project Grant (2013)

*Research Foundation Flanders (FWO), Belgium:*

- Research Project Grant (2011, 2013)
- Postdoctoral Fellowship Renewal (2011)

*Humanities in the European Research Area (HERA), European Science Foundation (ESF) & 21 European Humanities Research Councils:*

- HERA Joint Research Programme (2012)

*Bank of Sweden Tercentenary Foundation (RJ), Sweden:*

- Research Project Grant (2009)

*The Economic and Social Research Council (ESRC), United Kingdom:*

- Professorial Fellowship Award (2007)
- End of Award Report (2002)

*Swedish Research Council (VR), Sweden:*

- National Postdoctoral Position Grant (2005)
- International Postdoctoral Fellowship (2005)
- Junior Researcher Position (2005)

Commentator on conference sessions:

- "Tracing Tracks: Monitoring Flows in Logistics Environments", *60<sup>th</sup> Annual Meeting of the Society for the History of Technology*, Philadelphia, October 27, 2017.
- "Works in Progress", *Third Annual Technology in Modern East Asia Workshop*, Needham Research Institute, Cambridge, May 19-20, 2017. (Official Society for the History of Technology mentor)
- "Works in Progress", *Tensions of Europe Early Career Scholars Workshop*, Porto, Aug 1, 2016. (online distance commentator)
- "Works in Progress", *SHOT Graduate Student Workshop, 59<sup>th</sup> Annual Meeting of the Society for the History of Technology*, Singapore, June 24, 2016. (Official Society for the History of Technology mentor)
- "Works in Progress", *Second Annual Technology in Modern East Asia Workshop*, Needham Research Institute, Cambridge, May 19-20, 2016. (Official SHOT representative)
- "Works in Progress Workshop", *First Annual Conference of the Doctoral Programme in Political, Societal and Regional Change*, University of Helsinki, Helsinki, Dec 12, 2014
- "Of Black Boxes, Dispositifs and Security," *2012 Annual Millennium Conference: Materialism and World Politics*, London School of Economics, Oct 20, 2012
- "Technology and Subjectivity: Approaches toward Understanding the Psychology of Technological Change", *53rd Annual Meeting of the Society for the History of Technology*, Cleveland, Nov 5, 2011.
- "Security at the Border" at "*Lines in the Sand*": *Spaces of Security in Critical Border Studies?*, Copenhagen, June 4, 2009.
- "Technology Reincarnated", *50th Annual Meeting of the Society for the History of Technology*, Lisbon, Oct 12, 2008.
- "The Historianimation of Contemporary Technomedicoscience", *History of Science and Technology Days*, Stockholm, 8 April 2008.
- "(Post)Cold War Imaginaries? Satellites, Cell Phones and Nanotechnology", *49th Annual Meeting of the Society for the History of Technology*, Washington D.C., Oct 19, 2007.
- "Objects of Desire", *Science, Its Advocates and Adversaries: 17th Annual Conference of the Institute of Contemporary British History*, University of London, London, 8 July, 2003.
- "Wires, Pipes and Communities: Creating Infrastructures", *44th Annual Meeting of the Society for the History of Technology*, Toronto, Oct 18, 2002.
- "Works in Progress", *Teknikhistoriska dagarna*, Norrköping, 15 April 2002.

- Session at *3rd ISE Workshop* arranged by University of Athens & European Commission (DG XII), Athens, Greece, 13 March 1997.
- Symposia *Forskning og planlegging – To reiskapar i samfunnsbygging*, arranged by Senter for teknologi og samfunn, University of Trondheim, Trondheim, 3 May 1995.
- "Works in Progress" at: *Teknisk och industriell utveckling*, arranged by Chalmers Institute of Technology & Stockholm School of Economics, Gothenburg, 18 Nov 1993.

### ***Academic Leadership, Initiatives & Organization***

#### Conference Program Committees:

- *Second Annual Digital History in Finland Conference*, arranged by Aalto University & University of Helsinki, Helsinki, 2 Dec 2016. (Co-Chair)
- *2016 European Forum for Studies of Policies for Research and Innovation (EU-SPRI) Annual Conference*, arranged by Lund University, 7-10 June 2016. (Member of Scientific Committee)
- *First Annual Digital History in Finland Conference*, arranged by Aalto University, University of Helsinki, Helsinki, University of Turku, University of Tampere, Helsinki, 9 Dec 2015. (Member of Scientific Committee)
- *2015 European Forum for Studies of Policies for Research and Innovation (EU-SPRI) Annual Conference*, arranged by VTT Technical Research Center of Finland & Tekes, Helsinki, 10-12 June 2015. (Member of Scientific Committee)
- *From Schauman to Breivik: Terrorism, Political Violence and the Nordic Countries*, arranged by Aalto University, University of Helsinki & Finnish Ministry of the Interior, Helsinki, 16-17 June 2014. (Initiator & Co-Chair)
- *55<sup>th</sup> Society for the History of Technology (SHOT) Annual Meeting*, Copenhagen, 4-7 October 2012. (Member of Local Arrangements Committee)
- *Conference on Terror Studies in the Nordic Countries*, arranged by University of Copenhagen, Aarhus University & DIIS, Copenhagen, 28-29 Sept 2009. (Initiator & Co-Chair)
- *35th ICOHTEC Symposium: Crossing Borders in the History of Technology*, arranged by University of Victoria, Victoria, Canada, 5-10 August 2008. (Chair)
- *34th ICOHTEC Symposium: Fashioning Technology - Design from Imagination to Practice*, arranged by Technical University of Denmark (DTU) & Danish Society of Engineers (IDA), Copenhagen, 14-18 August 2007. (Member of Program Committee and Local Organizing Committee)
- *Nordisk workshop om industriell och teknisk förändring*, arranged by Linköping University, NUTEK & Bank of Sweden Tercentenary Foundation, Kålmården, 24-26 Nov 1999.
- *Teknikhistoriska dagar 1995*, arranged by Swedish National Committee for History of Technology, Lund Institute of Technology & Lund Business School, Lund University, 18-19 April 1995.

#### Conference sessions:

- *Panel discussion: "The Road from Uppsala: 25 years of SHOT's Internationalization" at 60<sup>th</sup> Annual Meeting of the Society for the History of Technology*, Philadelphia, October 27, 2017. (Organizer with Francesca Bray, Edinburgh University)
- *"Old Wine in New Bottles? Resituating Historical Research within Digital History Methodologies"*, *4th National Finnish Conference on History Research*, Turku, October 21, 2017. (Organizer with Dr Petri Paju, Aalto University)
- *Panel discussion: "Technological humanities – old wine in new bottles or cutting edge humanities? Replies from neighbouring fields and engineering educators"*, *History of Science and Technology Days*, Norrköping, September 21 2017.
- *Panel discussion: "Digital Humanities in History of Science, Technology & Medicine"*, *History of Science and Technology Days*, Norrköping, September 20 2017. (invited conference panel)
- *"President's Roundtable: Cultures of Use: Histories of Technology Beyond Invention and Innovation" at 56<sup>th</sup> Annual Meeting of the Society for the History of Technology*, Portland, MN, Oct 11, 2013. (Organizer with Arwen Mohun, University at Delaware)
- *"Technology and Subjectivity: Approaches toward Understanding the Psychology of Technological Change" at 53rd Annual Meeting of the Society for the History of Technology*, Cleveland, OH, Nov 3-6, 2011. (Organizer with David Hochfelder, University at Albany, SUNY & Susan Schmidt Horning, St Johns University)

- "The New Effects of New Materialisms: Haptics, Affects and Affordances", *History of Technology and Science Days*, Stockholm, 8 April 2008.
- "Doktorerandets val och kval – diskussion vid en paneldebatt", *Nordisk workshop om industriell och teknisk förändring*, Kålmården, 24 Nov 1999.
- "Patriotic Technologies: Nationalistic aspects of Technological Change in 20th Century Germany and Sweden", *Society for the Social Studies of Science (4S) and Society for the History of Technology (SHOT) Joint Annual Meeting*, Charlottesville, VA, 20 Oct 1995.

#### Colloquia & reading group series:

- (Reading group series) *Posthumanist History of Science*, arranged bi-monthly at Max Planck Institute of the History of Science, Berlin, 2018-present. (Organizer with Drs Jaehwan Hyun & Lisa Onaga)
- (Interview series) *Pathfinders: Diverse Careers To & Through the History of Science*, arranged bi-monthly at Max Planck Institute of the History of Science, Berlin, 2018-present. (Organizer with Drs Lisa Onaga & Carolin Roeder)
  - Indira Choudhury, *Shristi School of Art, Design and Technology* (interviewer), 23 October 2018
  - Karine Chemla, *CNRS & Université Paris Diderot*, 14 November 2018
  - Ken Alder, *Northwestern University* (interviewer), 28 November 2018
  - Hasok Chang, *University of Cambridge* (interviewer), 12 December 2018
- (Colloquium series) *Aalto Digital Humanities Wednesday Lunch Talks*, Aalto University, 2017–18. (Organizer with Dr Matti La Mela)
- (Colloquium series) *History of Industrialization & Innovation Colloquium*, Aalto University, 2017–18. (Organizer with Dr Mila Oiva)
- (Symposia series & national research network) *Finnish Research Network on Terrorism and Political Protest* jointly arranged symposia series with University of Helsinki & Aalto University, 2015–18. (Organizer with Dr Leena Malkki, University of Helsinki)
- (Symposia series & national research network) *Digital Humanities Finland* jointly arranged symposia series with Aalto University & Brage Press Archive, 2013. (Organizer with Dr Jessica Parland-von Essen, Brage Press Archive)
- (Colloquium series) *New Waves: Emergent Perspectives in Nordic History of Industrialization & Innovation*, monthly symposia arranged with Aalto University, University of Helsinki & Finnish Economic History Association, 2014–15. (Organizer with Profs. Sakari Heikkinen & Niklas Jensen-Eriksen, University of Helsinki)
- (Reading symposia & national research network) *Towards Terrormindedness: Cross-Disciplinary Perspectives on Terrorism and Political Violence* jointly arranged monthly with Aarhus University; Danish Institute for International Studies (DIIS); Centre for Advanced Security Theory (CAST), University of Copenhagen & Polforsk – The Danish Political Science Research School in Copenhagen & Århus, 2008–2010. (Organizer with Dr Mikkel Thorup, AU)
- (Colloquium series) *New Materialisms in STM Studies*, Aarhus Network for Science Technology and Medicine Studies, Monthly Brown Bag Seminar Series, Aarhus University, 2008.
- (Reading symposia series) *Things, Tools and Touch: Exploring New Materialisms in Science, Technology and Medicine Studies*, jointly arranged monthly with Dept of the History of Ideas, Dept of Science Studies, Centre for STS-Studies, Aarhus Network for STM Studies & Research Network for Material Culture, Cognition and Nature at Aarhus University, in Århus, 2008.
- (Reading symposia series) *Towards a 'New Materialism'? Exploring Artificuality and Material Culture in History of Science, Technology and Medicine*, jointly arranged monthly with DTU; Danish National Museum of Science and Technology; Medical Museion, University of Copenhagen & Research Policy Institute, Lund University, in Copenhagen, Lund, Lyngby & Malmö, 2006/07.

#### Symposia & workshops:

- *Emergent Approaches in Finnish Digital History*, Aalto University, Espoo, 16-17 May 2018. (Organizer with Drs Mila Oiva & Petri Paju)
- *Fastlanes and Potholes on the Road to the Future of Digital History*, The House of Sciences, Helsinki, 2 June 2017. (Organizer with Drs Mila Oiva & Petri Paju)
- *Digital History in Finland – Possible Futures*, House of Sciences, Helsinki, 15 April 2016. (Organizer with Dr Petri Paju)
- *Towards Humane Engineers? The Challenges of the Humanities in Engineering Education*, Aalto University School of Engineering, Otaniemi, 12 Nov 2015.

- *Digital Humanities Finland Symposia*, Half-day workshops, National Library of Finland, Helsinki, April–May 2014. (Organizer with Dr Jessica Parland-von Essen, Brages Pressarkiv)
  - *Text mining in the making*, 14 February 2014.
  - *Becoming Digital Humanists 1.0*, 25 April 2014.
  - *Spatial Digital Humanities*, 5 May 2014.
- *Digital humanities research beyond digitization: Contact meeting on research in digital humanities in Finland*, Aalto University, 29 November 2013. (Organizer with Dr Jessica Parland-von Essen, Brages Pressarkiv)
- *Systematizing and digitalizing Nordic policy studies: Emergent perspectives within Swedish and Finnish research*, Aalto University, 27 November 2013. (Organizer with Dr Hannes Toivanen)
- *Materialities, Thing Theories and Material Cultures: Multidisciplinary Research Perspectives on the Material Turn*, University of Gothenburg, 7 February 2013. (Organizer with Dr Olof Hallonsten)
- *Is there a material turn in research?*, panel-discussion, University of Gothenburg, 11 December 2012. (Organizer with Dr Olof Hallonsten)
- *VäSTSymposiet*, jointly arranged with STS-departments in Western Sweden, 19 April 2012.
- (CAST Inspirational Workshops) CAST, University of Copenhagen:
  - *Terrorens grænser: Når politisk vold ikke er terrorisme*, 3 March 2010.
  - *Terror of People, Terror of States: Perspectives on Security, Violence and Revolutions*, 25 March 2009. (Organizer with Dr Martin Holbraad)
  - *Jeg en sikker gård mig bygge vil: Sikkerhedens materielle udtryk i går, i dag og i morgen*, 28 Jan 2009.
- *Materialities of Security and Surveillance: Perspectives on Where and When Security Studies Meets STS*, arranged by CAST & Design of Organizational IT (DOIT), IT University of Copenhagen, Copenhagen, 15 December 2009. (Organizer with Dr Casper Bruun Jensen, ITU)
- *Beyond Radicalization: New Perspectives on Turns from Civic Dissent to Political Violence*, arranged by DIIS, Rehabilitation and Research Center for Torture Victims, CAST & Dept of Anthropology, University of Copenhagen, Copenhagen, 30 Sept 2009.
- *Symposia on the historical role of technology in the development of Swedish industry*, Royal Swedish Academy of Sciences (KVA), Stockholm, 9 November 2004.
- *Workshop on Actor-Network Theory in History and Policy Studies of Science and Technology*, University of Manchester, 25 Sept 2000. (Organizer with Dr Michael Keenan)
- *Workshop Pågående nordisk forskning inom IT-historia*, Stockholm School of Economics, 22 Nov 1997. (Organizer with Dr Anders Lundgren)
- *Workshop on Developing state and industry: Dynamics of 'embedded autonomy' in industrial change*, Stockholm School of Economics, 17 April 1996. (Organizer with Dr Claes-Fredrik Helgesson)
- *Workshop on modern history of technology*, KTH, 5 Sept 1995.
- *Workshop on historical perspectives on state support to technological development*, KTH, 6 April 1994.

### **Management experience**

2013 – 2018, Head of History of Industrialization & Innovation (HIIVA) Group, Aalto School of Engineering, Aalto University, Finland.

2011 – 2013, Coordinator of Studies for Theory of Science, Department of Philosophy, Linguistics & Theory of Science, University of Gothenburg, Sweden.

2001 – 2003, Assistant Warden, Montpelier Hall of Residence, Imperial College London, UK.  
*Rectorial appointment as warden in residence at student hall with a staff of six student subwardens.*

1986 – 1987, Platoon Commander, (Sergeant) Chief of Staff Troop, Royal Swedish Air Force, Bråvalla Wing, Norrköping, Sweden.

## I. SOCIETY IMPACT

### *Exhibitions*

- *Den kraftfulla utvecklingen*, [The Powerful Development] at: "ENERGIA 1999 – Power House 11: A Focus on the Cultural Heritage of Industrial Society" arranged by Länsstyrelsen i Västmanland, City of Västerås & Industrihistoriskt Forum, Västerås, Sept-Oct 1999.
- *Des courants neutres aux W : La physique des Neutrinos au CERN, 1963-1983*, Microcosm: CERN Science and Technology Expo, Geneva, 1991-97.
- *The Energy of Creation*, Microcosm: CERN Science and Technology Expo, Geneva, 1991-97.
- *From Cosmic Rays to Accelerators/Du rayonnement cosmique aux accélérateurs*, Microcosm: CERN Science and Technology Expo, Geneva, 1991-97.
- *Du rayonnement cosmique aux accélérateurs*, at: "l'Exposition MICROCOSM", Le Majestic Congress center, Chamonix, France, July 18-30 1991. (Invited guest exhibition)

### *Media contribution*

In total more than 100 interviews, commentary and media appearances in Finland, Sweden, Denmark, Norway, China & the USA.

### Television

- *Yle Fem* (Yle - Finnish Public Broadcasting Company):
  - "TV-nytt 19.30", 7 Jan, 22 March 2016, 4 June, 18 August, 19 August 2017.
  - "TV-nytt 17.55", 19 August 2017.
  - "Obs debatt", 19 Nov 2015.
  - "Tolv ting om Finland", 27 Nov, 1 Dec 2017.
  - "Föredragsmaraton – 24 timmar live om Finland", 9 September 2017.
  - "Extra live Turku attack broadcast", 19 August 2017.
  - "Extra live Stockholm attack broadcast", 7 April 2017.
  - "Extra live Brussels attack broadcast", 22 March 2016.
- *TV Finland* (Yle - Finnish Public Broadcasting Company):
  - "Tolv ting om Finland", 27 Nov 2017.
- *TV4* (Swedish TV4 Broadcasting Corporation):
  - "TV4Nyheterna 10pm", 15 July 2016.
  - "TV4Nyheterna 7pm", 15 July 2016.
- *SVT Kunskapskanalen* (SVT - Swedish Public Service Television):
  - "UR Samtiden", 9 June, 11 Aug 2013.
- *Eagle Eye TV* (Auburn University Student News):
  - "Studio 1105", 12 Oct 2016.
- *CCTV* (China Central Television):
  - "Beijing News", 29 Nov 2001.

### Broadcast radio

- *Yle Vega* (Yle - Finnish Public Broadcasting Company):
  - "Aktuellt 17", 22 March, 20 Dec 2016, 11 April, 23 May 2017, 24 April 2018.
  - "Yle Nyheter", 7 Jan, 18 Jan, 22 March, 15 July 2016, 23 May, 4 June, 18 Aug, 19 Aug 2017.
  - "Dokumenterat: Det politiska mordets anatomi", 14 January 2018.
  - "Vega Eftermiddag", 19 August 2017.
  - "Vega Lördag", 19 Aug 2017.
  - "Vega Söndag", 25 Sept 2016.
  - "Slaget efter tolv", 11 Dec 2015, 28 Sept 2016.
  - "A-xplock", 26 March 2016.
  - "Radiohuset", 22 March 2016.
  - "Föredragsmaraton – 24 timmar live om Finland", 9 September 2017.
  - "Extra live Turku terrorist attacks broadcast", 19 August 2017.
  - "Extra live Turku stabbing attacks broadcast", 18 August 2017.
  - "Extra live Paris terrorism attacks broadcast", 14 Nov 2015.
- *Yle X3M* (Yle - Finnish Public Broadcasting Company):
  - "X3M Fokus", 14 Nov 2017.
  - "Myteriet", 22 March, 13 June, 29 June, 15 July, 29 Aug 2016, 18 Aug 2017.

- *Ålands Radio* (Åland's Radio & TV AB):
  - "Åland idag", 21 August 2017.
- *Swedish Radio P1* (SR - Swedish Radio Corporation):
  - "Lunchkot", 18 August, 19 August 2017.
  - "Ekot", 18 August 2017.
  - "Studio Ett", 18 August 2017.
  - "P1-morgon", 15 July 2016.
- *Swedish Radio P4* (SR - Swedish Radio Corporation):
  - "P4 Extra", 15 July 2016, 7 April 2017.
- *DR Radio P1* (DR - Danish Public Broadcasting Corporation):
  - "Videnskabens Verden", 13 Sept 2011.
  - "Kulturkontoret", 1 May 2009.
- *Studentradioen* (Danish University Radio):
  - "Film magazine Nosferatu", 19 March 2009.
- *Radio Faroe Islands* (Kringvarp Føroya – Faroese National Broadcasting Corporation):
  - "Uthav - political affairs program", 22 Nov 2006.

#### Print & electronic news media

- *Aamulehti*, [www.aamulehti.fi](http://www.aamulehti.fi):
  - "Uhkakuvat muuttuvat pysyviksi" [Threat pictures become permanent], 13 Oct 2017, A25.
- *Finnish Broadcasting Company (Yle)*, [www.svenska.yle.fi](http://www.svenska.yle.fi):
  - "Rättspsykiater vill inte tala om terrorism i Åbo: 'Vi vet inte tillräckligt'", 25 August 2017.
  - "Gör inte terrorn en tjänst – sluta sprida hat på nätet", 21 August 2017.
  - "Terrorforskare: Inte oväntat att knivdådet utreds som terrordåd", 19 August 2017.
  - "Terrorforskare: Terrordåd i Spanien inte oväntat", 18 August 2017.
  - "Terrorforskare hade inte väntat sig en ny attack så snabbt", 4 June 2017.
  - "Terrorforskare: Det här är normalläget i Storbritannien", 3 May 2017.
  - "Terrorforskare: Lastbilsattacken var omöjlig att förhindra" 15 July 2016.
  - "Terrorismforskare Mats Fridlund om terrorattackerna i Bryssel", 22 March 2016.
  - "Hanken President Karen Spens: the savings could be fatal", 18 Jan 2016.
  - "How many has to leave at the universities?", 18 January 2016.
  - "He is teaching terrorism to engineers", 7 January 2016.
  - "Has the terror threat come closer – this is how the experts reply", 11 December 2015.
- *Helsingin Sanomat*, [www.hs.fi](http://www.hs.fi):
  - "Researcher: Threat of extreme terrorism in the Nordic countries is oversized", 17 June 2014.
- *Kainuun Sanomat*, [www.kainuusanomat.fi](http://www.kainuusanomat.fi):
  - "Uhkakuvat muuttuvat pysyviksi", 13 Oct 2017.
- *Keskipohjanmaa*, [www.keskipohjanmaa.fi](http://www.keskipohjanmaa.fi),
  - "Uhkakuvat muuttuvat pysyviksi", 13 Oct 2017.
- *MTV*, [www.mtv.fi/uutiset](http://www.mtv.fi/uutiset):
  - "Terrorismia tutkiva professori: Räjähdeliiviä käytettiin nyt ensi kertaa länsimaassa" [Terrorism research professor: explosive vest used for first time in a western country], 17 Nov 2015.
- *ThisisFINLAND*, [www.finland.fi](http://www.finland.fi):
  - "Aalto's foreign lecturers learn Finnish", *thisisFINLAND*, 20 January 2014.
- *Ålands Radio/TV*, [www.radiotv.ax](http://www.radiotv.ax):
  - "Strängare regler stoppar inte terrorism", 21 August 2017.
  - "Terrorforskare: 'Terroristerna vill att vi skall ta förhastade beslut'", 21 August 2017.
  - "Respekt mer än rädsla efter knivattacken i Åbo", 19 August 19 2017.
- *Dagens Nyheter.*, [www.dn.se](http://www.dn.se):
  - "Finländsk forskare: IS gör sig större än organisationen är", 19 August 2017.
  - "Ofta lång tid till pris", 15 October 1994.
- *Dagens Industri*, [www.di.se](http://www.di.se):
  - "Terrorexpert: Annorlunda än tidigare dåd", 18 August 2017.
  - "Bakslag ger fler dåd", 16 July 2016.
- *Fjärde uppgiften*, [fjardeuppgiften.se](http://fjardeuppgiften.se):
  - Pontus Herin, "Terrorismens drivkrafter", 19 December 2013.
- *Hallandsposten*, [www.hallandsposten.se](http://www.hallandsposten.se):
  - "Terror belystes från flera olika vinklar", 23 Aug 2017.

- *Omni*, [www.omni.se](http://www.omni.se):
  - "Terrorexpert: Annorlunda än tidigare bilburna dåd", *Omni*, [omni.se](http://omni.se), 18 Aug 2017.
- *Swedish Radio (SR)*, [sverigesradio.se](http://sverigesradio.se):
  - "Terrorforskare: De här personerna går under radarn", 18 Aug 2017.
- *Kristeligt Dagblad*, [www.kristeligt-dagblad.dk](http://www.kristeligt-dagblad.dk):
  - "USA's største terrortrussel kommer indefra", 14 June 2016.
  - "Forsker: Terror kostede flere livet for 30 år siden", 23 March 2016.
- *Rogalands Avis*, [www.dagsavisen.no/rogalandsavis](http://www.dagsavisen.no/rogalandsavis):
  - "Teknikker for å leve med terror", 26 April 2012.
- *Stavanger Aftenblad*, [www.aftenbladet.no](http://www.aftenbladet.no):
  - "Diskuterte terrorens ettervirkninger", 27 April 2012.
  - "Stortinget skal ikke være en festning", 26 April 2012.
- *Berlingske Tidende*, [www.b.dk](http://www.b.dk):
  - "»I bedste fald er PET sjusket...«", 15 Feb 2009.
  - "Jagten på iranerne", 14 Feb 2009.
- *Computerworld*, [www.computerworld.dk](http://www.computerworld.dk):
  - "Ekspert: Siemens-produkt ligner noget fra Hollywood", 14 Nov 2008.
- *My Daily Space*, [mydailyspace.dk](http://mydailyspace.dk):
  - "Ny trussel efter Bruxelles – frygt for atomterror", 31 March 2016.
- *Trendsonline*, [www.trendsonline.dk](http://www.trendsonline.dk):
  - "I frygten for terror spirer nye virksomheder: En af dem er Human Risks", 1 Sept 2016.
- *Eurozine Review*, [eurozine.com](http://eurozine.com):
  - "The violent closet?", 14 Sept 2016.
- *The Daily Caller*, [www.dailycaller.com](http://www.dailycaller.com):
  - "Finland Charges Two Refugees With Terror Murder of 11", 11 Dec 2015.
- *The Daily Northwestern*, [dailynorthwestern.com](http://dailynorthwestern.com):
  - "Blended research explores terrorism's path", *The Daily Northwestern*, 29 March 2005.
- Sampsa Kaataja, "Mats Fridlund – teollistumisen historian professori", *Tekniikan Waiheita* (2014):3, 33-35.
- Niko Kettunen, "Tarnished reputation", *HS Teema* (21 Jan 2016):1, 62-69.
- Tove Stenqvist, "The Face of Terrorism: Acting Like a State," *Baltic Worlds* (October 2009):2, 19-21.
- Erland Einbu Wigenstad, "Who fears?", *Teknovatøren*, (November 2012):4, 38-39.

#### Signed op-eds:

- "Kinas återkomst som innovatör", *Affärsmagasinet Forum* (Mars 2019):2, 20.
- "Terrorism – a very brief history", *The Conversation* (8 March 2019), [theconversation.com](http://theconversation.com).
- "Teknikens bansjukdomar och ålderskrämpor", *Affärsmagasinet Forum* (April 2018):4, 27.
- "Terror och teknik går hand i hand", *Affärsmagasinet Forum* (September 2017):8, 22.
- "Å lære seg å leve med terrorismen", *Stavanger Aftenblad*, 25 April 2012.
- "Tillbaka till framtiden", *KTH&Co*, 2010, no. 2.

#### Expert advisor

- Movie documentary: *Uno Lamm – en biografi*, director Ralf W. Löbel (PlayeMotion, in production).
- Museum exhibition: *Tekniikaan maa*, at: Technical Museum of Finland, Helsinki, 2017.
- Novel: Christian Unge, *Saharasyndromet* (Lind & Company Förlag, 2016), 373 pp.
- Television Drama Comedy Mini-Series: *Fröken Frimans krig II* (SVT Swedish Television, 2015).
- Television documentary: "Shock and Awe", *My Million Dollar Invention (Season 1 Episode 1)*, The Smithsonian Channel, 2015.
- Museum exhibition: *Det ska' bare virke: Under, over og bag ved de moderne bekvemmeligheder* [It Should Just Work: Beneath, Above and Behind the Modern Amenities] at: Danish Museum of Science and Technology, Elsinor, 2007.

#### Public Film Series

- *Terrorism on Film: From Algiers to Al-Qaida*, a film series arranged by Danish Film Institute (DFI) & CAST at: Cinemateket, Copenhagen, 1-30 April 2009. (Selection and presentation of 9 historically-

based movies (21 showings) in collaboration with DFI Programme Director Jesper Andersen).

### Public lectures

- *Hanaforum: Security in Sweden and Finland*, Hanaholmen Swedish-Finnish Cultural Centre, 12 Sep 2017.
- *Lecture Marathon: 24h Live about Finland*, Swedish Litterature Society, Svenska Teatern & Yle Finnish Broadcasting Company, Helsinki, 9 September 2017.
- *Friends of Swedish National Museum och Science and Technology Talk*, Stockholm, 6 September 2017.
- *Society's Security: Conversation about terror threats, defence and security*, Social Democrats Halland & Europe Direct Halland, Halmstad, 22 August 2017.
- *What is terrorism?*, Folkuniversitetet, Östersund, 4 May 2016.
- *Engineering Society in Finland (TFiF) History of Technology Group*, Helsinki, 23 March 2015.
- *Understanding Terrorism Past and Present*, The Society of International Affairs Växjö, 13 March 2015.
- *Aalto University Swedish Language Teachers' Meeting*, Teknologföreningen, 20 February 2015.
- *Material Histories of Learning to Live with Terrorism*, 2015 Science Forum, Helsinki, 11 January 2015.
- *Learning to Live with Terrorism, Discussing World Politics*, Helsinki, 11 September 2014.
- *Engineering terrorism*, Engineering Association of Denmark, Copenhagen, 27 Feb 2014.
- *Den moderna terrorismens historia: Politisk terror från anarkism till al-Qaida*, Open lecture series, Folkuniversitetet, Stockholm, Sept-Dec 2013.
  - *Terrorism som ny politisk taktik - den anarkistiska terrorvågen*, 12 sept 2013
  - *Terrorism som befrielsekamp - den antikoloniala terrorvågen*, 25 Oct 2013
  - *Terrorism under Kalla Kriget- den nya vänsterterrorvågen*, 14 Nov 2013
  - *Terrorism för högre syften - den religiösa terrorvågen*, 5 Dec 2013
- *Autumn Seminar: Radicalism & Mainstream*, Finland's History Students' Association, 16 Nov 2013.
- *Technology, Surveillance and Revolution, (lecture & panel discussion)*, arranged by The International Science Festival Gothenburg, Gothenburg, 26 April 2013.
- *Odontologisk Riksstämman & Swedenatal 2012*, arranged by Swedish Dentists Against Nuclear Weapons, Gothenburg, 16 November 2012.
- *How will July 22<sup>nd</sup> effect us for better and for worse?*, (lecture & panel discussion), arranged by University of Stavanger & *Stavanger Aftenblad*, Stavanger, 26 April 2012.
- *Meet the Science, (lecture & panel discussion)*, arranged by University of Copenhagen & *Politiken* daily newspaper, Copenhagen, 6 October 2010.
- *Kulturnatten, (lecture & guided city walk)*, Copenhagen, 9 October 2009.
- *Annual Aarhus University History and Area Studies Student Meeting*, Århus, 25 April 2008.
- *FT-seminar*, Risø National Laboratory, Roskilde, 9 January 2007.
- *BIOSA – Biotech Students Association Evening on Bioterror*, Copenhagen, 7 December 2006.
- *State of Fear: Terror and Technology in the 21st Century*, Aarhus Seminars in the History of Ideas, Århus, 6 October 2006.
- *Symposia on the historical role of technology in the development of Swedish industry*, Royal Swedish Academy of Sciences (KVA), 9 November 2004.
- *Ayers Residential College of Commerce and Industry*, Evanston, 3 November 2004.
- *Vattenfall Veteranförenings vårmöte*, Vattenfall, Räcksta, 14 May, 2002.
- *Science Society Meeting*, Haberdashers' Aske's Boys' School, Elstree, 7 March 2002.
- *Spring Meeting of NPU - Nätverk för produktutveckling*, Stockholm, 29 Feb 2000.
- *Seminarieerien Framtidstro*, Västmanlands Läns Museum, Västerås, 28 Nov 1999.
- *Vattenfalls jubileumsseminarium*, Trollhättan, 21 Oct 1999.
- *ABB Corporate Research*, Västerås, 17 December 1998.
- *Västerås Tekniska förenings 100-årsjubileum*, Västerås, 23 Oct 1998.
- *Västerbergslagens ingenjörsklubb*, Ludvika, 11 Nov. 1997.
- *ABB Corporate Research*, Västerås, 16 April 1997.
- *Elektriska klubben i Västerås*, Västerås, 11 September 1996.
- *EKC-seminariet*, Elkraftcentrum, Stockholm, 19 April 1996.
- *Japan: Land i förändring* arranged by ABF & Stockholm University, 16 April 1996.
- *Swedish Powernets Inc*, Stockholm, 24 January 1994.