

CURRICULUM VITAE  
FULL NAME: MARIA CHRISTINA KRAUSE  
DATE OF BIRTH: 8TH AUGUST 1963

Edited on August 5<sup>th</sup> 2011

#### EDUCATION DEGREES AWARDED

High school graduation, Katedralskolan i Åbo	1983
Master of Arts, psychology, Åbo Akademi University (studies begun in 1988)	1992
Licentiate of Psychology, Åbo Akademi University	1995
Ph.D., Åbo Akademi University	1997
Docent of Experimental Neuropsychology, University of Turku	1998
Docent of Cognitive Neuroscience, Åbo Akademi University	2001

#### LANGUAGE SKILLS

Trilingual: Finnish, Swedish and English fluently (both written and spoken)

#### ACADEMIC POSITIONS

Research assistant, psychology, Åbo Akademi University	1.8.1991–31.7.1993
Researcher, Academy of Finland	1.8.1993–31.7.1996
Junior assistant, psychology, Åbo Akademi University	1.9.1996–31.12.1996
Laboratory engineer, Centre for Cognitive Neuroscience, University of Turku	1.1.1997–30.4.1997
Researcher, University of Turku	1.5.1997–30.6.1997
Researcher, Åbo Akademi University	1.7.1997–31.12.1997
Senior assistant, psychology, Åbo Akademi University	1.1.1998–31.7.1998
Postdoctoral research post, Academy of Finland	1.8.1998–31.7.2000
Senior Researcher, Helsinki University of Technology	1.8.2000–31.8.2002
Qualified for the position as professor in Cognitive Neuroscience, Karolinska Institutet, Stockholm, Sweden	8.9.2006
Professor of Cognitive Science, University of Helsinki	1.9.2002–

#### PREVIOUS NON-ACADEMIC POSITIONS

Music therapist, Kårkulla Vårdhem, Finland	1.9.1985–31.8.1989
Teacher of music and percussion, Turku and Parainen, Finland	1990–1991

#### SCIENTIFIC FINANCIAL FUNDING

Finnish Cultural Foundation, 16 000 FIM, "Music and psychophysiology"	1991
Förbundet de utvecklingsstördas väl, 10 000 FIM, "Mentally retarded individuals in institutions"	1991
Varsinais-suomen erityishuoltopiiri, 10 000 FIM, "Mentally retarded individuals in institutions"	1992

Academy of Finland, 222 300 FIM, "Electrophysiological correlates of mental activity" (7338)	1993
Finnish Cultural Foundation, 45 000 FIM, "ERD-research"	1996
Åbo Akademi research foundation, 9 month scholarship	1997
Academy of Finland, 433 800 FIM, "Reactive EEG desynchronization and synchronization" (42536)	1998
University of Helsinki, 120 000 €, "Brain oscillations and cognitive processes"	2004
Academy of Finland, 150 000 €, "Lexicon in the human brain" (1106071)	2004
Academy of Finland, 1 200 €, "Biology of Cognition"-symposium (109519)	2005
University of Helsinki, ~120 000 €, "Biolinguistics" research trainee position	2005
Academy of Finland, 3 320 €, "The Fiftieth Anniversary of Cognitive Science"-symposium (1119382)	2006
Academy of Finland, 280 000 €, "Brain oscillations and human memory" (1115215)	2006
TEKES, 300 000 €	2007-2009
Faculty of Behavioral Sciences, 5 000 €, "Development of thinking and memory"	2007
Helsingin Sanomain Säätiö, 250 000 €, "Newspaper as modern media"	2008
Academy of Finland, 220 000 €, "Jokapaikan spatiaalinen viestintä" (129346)	2008
Academy of Finland, 412 500 €, Towards Ecologically Valid Studies on Cognition" (137511)	2010
TEKES, "Do you mind if I read your mind" (440057)	2010
TEKES, "Computer enabled neuroplasticity treatment: From science fiction to reality" (440078; 01.08.2011 - 31.08.2013)	2011

Total sum of research funding 1 985 991 €.

## ACADEMIC AWARDS

Most influential Bioelectromagnetics Journal Paper (second place) 2008 by Citation Award by the Bioelectromagnetics Society for the paper: "Effects of Electromagnetic Fields Emitted by Cellular Phones on the EEG During an Auditory Memory Task: A Double Blind Replication Study, published in Bioelectromagnetics, 25, (1), 33-40, January 2004."

## SUPERVISED ACADEMIC THESES

Bachelor's theses 18 pcs

Master's theses 46 pcs

Doctoral theses 3 pcs

## THESES UNDER SUPERVISION

Master's theses 4 pcs

Doctoral theses 8 pcs

## ACADEMIC ASSESSMENTS

1. Opponent, Sharon Rider & Erik Lundgren: "On explaining ourselves (scientifically): the case of language". Synpraxia Interdisciplinary Forum, University of Umeå, Sweden, 7.–8.5.2004.
2. Pre-examination of the doctoral thesis "Neurocognitive Mechanisms of Audiovisual Speech Perception" by MA Ville Ojanen. Helsinki University of Technology, Finland, April 2005.
3. Member of the degree committee for the doctoral thesis of MSc Valentina Gumenyuk. University of Helsinki, Finland, 11.3.2005.
4. Commentator on the installation "Obsessio" [Obsession] – part of the doctoral thesis of MA Pia Tikka. University of Art and Design, Helsinki, Finland (8.3.2005).
5. Pre-examination of the doctoral thesis "Towards a Comprehensive Theory of Musical Emotions: A Multidimensional Research Approach and Some Empirical Findings" by MA Kari Kallinen. University of Jyväskylä, Finland, October 2005.
6. Member of the degree committee for the docentship of Minna Huutilainen, 6.11.2003.
7. Member of the degree committee for the docentship of Hannu Tiitinen, 6.11.2003.
8. Member of the degree committee for the docentship of Patrick May, 6.11.2003.
9. Assessment of proposals for European Science Foundation workshops, February 2006.
10. Member of the degree committee for the docentship of Sirpa Rajalin, 18.5.2006.
11. Evaluation of the doctoral thesis of Denise Hamblin, Swinburne University of Technology, Australia, August 2006.
12. Member of the Pool of Experts, University of Helsinki, doctoral research positions, August 2006.
13. Member of the degree committee (as custos) for the doctoral degree of Marieke Saher, 4.8.2006.
14. Member of the degree committee (as custos) for the doctoral degree of Vesa Talvitie, 15.9.2006.
15. Member of the degree committee (as custos) for the doctoral degree of Titia van Zuijlen, 11.10.2006.
16. Member of the degree committee (as custos) for the doctoral degree of Virpi Kalakoski, 3.11.2006.

17. Member of the degree committee (as custos) for the doctoral degree of Nikolai Novitski, 8.11.2006.
18. Member of the degree committee (as custos) for the doctoral degree of Antti Oulasvirta, 10.11.2006.
19. Member of the degree committee (as custos) for the doctoral degree of Elvira Brattico, 11.11.2006.
20. Member of the degree committee for the docentship of Tom Campbell, May 2007.
21. Member of the degree committee (teaching) for the docentship of Päivi Helenius, 7.9.2007.
22. Reviewer of grant proposals for the Electromagnetic Fields and Health Programme. The Netherlands Organisation for Health Research and Development (ZonMw, The Hague, The Netherlands), October 2007.
23. Member of the degree committee (as custos) for the doctoral degree of Kia Aarnio, November 2007.
24. Member of the "virantäyttötoimikunta" for the senior lecturer position at the department of philosophy at the University of Helsinki, 2007.
25. Reviewer of grant proposals, European Science Foundation, 2008.
26. Reviewer of applications for professorship (2 pcs) in Cognitive Science, University of Lund, Sweden, 2008.
27. Reviewer of applications for post-doctoral research positions, University of Helsinki, 2008.
28. Pre-examination of the doctoral thesis by Laura Kauhanen, Helsinki University of Technology, Finland, May 2008.
29. Member of the degree committee for the doctoral thesis of MA Alexander Degerman, University of Helsinki, Finland, 12.11.2008.
30. Member of the degree committee (teaching) for the docentship of Sampsa Puttonen, University of Helsinki, Finland, 10.2.2009.
31. Member of the degree committee (teaching) for the docentship of Markus Jokela, University of Helsinki, Finland, 24.3.2009.
32. Reviewer of applications for post-doctoral research positions, University of Helsinki, 2009.
33. Member of the degree committee for the doctoral thesis of MA Juha Salmitaival, University of Helsinki, Finland, 7.12.2009.
34. Member of the "virantäyttötoimikunta" for the senior lecturer position (cognitive science and cognitive psychology) at the department of behavioural sciences at the University of Helsinki, 2010.

All of my academic positions, including my current professorship in cognitive science at the University of Helsinki have included evaluations of tens of both master's and bachelor's theses.

#### ACADEMIC POSITIONS OF TRUST

1. Member of the scientific board at the Centre for Cognitive Neuroscience, University of Turku (1993, 1994, 1995, 1996, 1997, 1998, 1999)
2. Member of the national 'Learning-from-text test' design group for medical school entrance examinations (1998, 1999, 2000, 2001)
3. The official 'Learning-from-text' evaluator of the Faculty of Medicine, University of Turku (1998, 1999, 2000, 2001)

4. Member of the department board, Department of Psychology, Åbo Akademi University (1996, 1997, 1998)
5. Member of the Faculty of Arts board, Åbo Akademi University (1998, 1999, 2000)
6. Secretary, assigned by Chancellor of the University of Turku, in a planning group for the development of Cognitive Neuroscience (1997)
7. Member of the scientific committee, First International Congress on Neuropsychology on the Internet, November 1st to December 15th (1999)
8. Member of the planning board for the new Faculty of Behavioural Sciences at the University of Helsinki (2002, 2003)
9. Member of the department board, Department of Psychology, University of Helsinki (2002, 2003, 2004, 2005, 2006, 2007 (vice), 2008 (vice), 2009 (vice))
10. Member of the Faculty of Behavioural Sciences board, University of Helsinki (2004, 2005, 2006 & 2010, 2011, 2012)
11. Member of the board of directors in the national KIT-network (language technology) (2003, 2004, 2005, 2006, 2007)
12. Member of the board of directors in the Usability School (2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009)
13. Member of the CICERO-network directorate (2005, 2006, 2007, 2009)
14. Member of the Neuroscience Research Centre steering board (2005, 2006, 2007)
15. Custos, 4.8.2006. Dissertation "Everyday beliefs about food and health" by Marieke Saher.
16. Custos, 15.9.2006. Dissertation "The Freudian unconscious from the cognitive orientation" by Vesa Talvitie.
17. Custos, 11.10.2006. Dissertation "Sensory auditory processing and intuitive sound detection" by Titia van Zuijen.
18. Custos, 3.11.2006. Dissertation "Constructing skilled images" by Virpi Kalakoski.
19. Custos, 8.11.2006. Dissertation "Pitch discrimination in optimal and suboptimal acoustic environments: electroencephalographic, magnetoencephalographic, and behavioral evidence" by Nikolai Novitski.
20. Custos, 10.11.2006. Dissertation "Studies of working memory in interrupted human-computer interaction" by Antti Oulasvirta.
21. Custos, 11.11.2006. Dissertation "Cortical processing of musical pitch as reflected by behavioural and electrophysiological evidence" by Elvira Brattico.
22. Member of the UCIT (Graduate School in User-Centered Information Technology) board (2007)
23. Vice-director of the Department of Psychology, University of Helsinki (2007-2009)
24. Vice-member of the directorate of PsykoNet (2007-2008)
25. Custos, 19.10.2007. Dissertation " Paranormal, superstitious, magical, and religious beliefs" by Kia Aarnio.
26. Member of the "Laadunhallinnan ohjausryhmä" [The "Quality and assessment directorate"] appointed by the rector at the university of Helsinki (2009-2011).
27. Member of the "Opetustoimikunta" [Steering board of teaching] at the Faculty of Behavioural Sciences, University of Helsinki (2007-2009)
28. Expert position as evaluator of the curriculum of Cognitive Neuroscience at the University of Skövde, Sweden, 2009.
29. Member of the "Akateemisen asiantuntijaryhmä", appointed by the rector at the University of Helsinki, 2010-2012.
30. Member of the steering board of the Institute of Behavioural Sciences, University of Helsinki (2010, 2011, 2012)
31. Expert position as evaluator of the candidates for the research assistant in Cognitive Neuroscience at the University of Lund, Sweden, 2010-2011.

## REFEREE ASSIGNMENTS

1. Reviewer for "Clinical neurophysiology" (and "Electroencephalography and Clinical Neurophysiology") (1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010)
2. Reviewer for "Brain research" (1998, 2005, 2007, 2008)
3. Reviewer for "Scandinavian Journal of Psychology" (1998)
4. Reviewer for "Psychophysiology" (2001)
5. Reviewer for "Bioelectromagnetics" (2003, 2004, 2005, 2006, 2007, 2008, 2010)
6. Reviewer for "Brain topography" (2004)
7. Reviewer for "Neuroscience Letters" (2004, 2005, 2006, 2007, 2008, 2009)
8. Reviewer for "Human Brain Mapping" (2004)
9. Reviewer for "Journal of Psychophysiology" (2004)
10. Reviewer for "Journal of Applied Biobehavioral Research" (2005)
11. Reviewer for "Biological Psychology" (2005, 2006)
12. Reviewer for "International Journal of Neuroscience" (2005)
13. Reviewer for "International Journal of Radiation Biology" (2005, 2006, 2007, 2008)
14. Reviewer for "Journal of Applied Biobehavioral Research" (2005)
15. Reviewer for "Puhe ja Kieli" (2005)
16. Reviewer for "Artificial Intelligence in Medicine" (2006)
17. Reviewer for "Neuropsychobiology" (2006)
18. Reviewer for "Journal of Applied Social Psychology" (2006)
19. Reviewer for "Brain" (2006, 2007, 2009)
20. Reviewer for "European Journal of Neuroscience" (2006, 2007)
21. Reviewer for "Brain Research Bulletin" (2006)
22. Reviewer for the "The Power of Media in Education"-conference, Centre for Media Pedagogy, University of Lapland, Rovaniemi, June 13-15, 2007
23. Reviewer for "NeuroImage" (2007, 2008, 2010)
24. Reviewer for "Nordisk Pedagogik" (2007)
25. Reviewer for "Quarterly Journal of Experimental Psychology" (2007)
26. Reviewer for "Epilepsia" (2008)
27. Reviewer for "Estonian Journal of Engineering" (2008)
28. Reviewer for "Progress in Neurobiology" (2008)
29. Reviewer for "International Journal of Psychophysiology" (2008, 2009)
30. Reviewer for "Brain and Cognition" (2008)
31. Reviewer for "Neuroscience" (2011)
32. Reviewer for "Environmental Health" (2011)
33. Reviewer for "Neuropsychologia" (2010)
34. Reviewer for "Experimental brain research" (2010)
35. Reviewer for "Journal of Psychiatry and Neuroscience" (2011)
36. Reviewer for the "ISATT"-conference papers (International study association on teachers and teaching (2009)
37. Reviewer for the "NBE"-conference papers (The fourth international NBE Network-Based Education Conference; Theme: Social Media in the Middle of Nowhere) (2011)

## SCIENTIFIC POSITIONS OF TRUST

1. Chairman at the "XX Nordic Congress of psychology" and "Psykologia '98" [Psychology '98], Helsinki, Finland, August 26–29. Symposium: "EEG Background Activity and Cognitive processes" (1998).
2. Co-chairman at the "9th World Congress of Psychophysiology", Taormina, Sicily, Italy, September 14–19. Symposium: "Event Related Changes of Rhythmic Activity the Brain (ERD/ERS)" (1998).
3. Invited speaker at the "First International Congress on Neuropsychology in the Internet", November 1st to December 15th (1999).
4. Invited speaker at the workshop on "Health effects of electromagnetic fields of mobile phones", organized by the Federal Institute of Occupational Safety and Health, Berlin, November 22nd (2000).
5. Invited speaker at the Bioelectromagnetics Society Annual Meeting, June 23–27, Quebec City, Quebec, Canada (2002).
6. Invited speaker at "XXX kielitieteen päivät" [The 30th Symposium on Linguistics], May 15–16, Joensuu, Finland (2003).
7. Invited speaker at "Mobile Telephony and Health – Final Seminar of the Finnish National Research Programme", October 17th, Helsinki, Finland.
8. Invited speaker at the Finnish Cognitive Linguistics Association (FiCLa) "Moduuliriihi", October 24th, Turku, Finland (2003).
9. Chairman at the "Psykologia 2004" [Psychology 2004] conference, August 25–28, Turku, Finland. Symposium "Brain electric oscillations and cognitive processes" (2004).
10. Panelist at the LERU-seminar "Research Based Teaching in Higher Education", March 22–23, University of Helsinki, Finland.
11. Chairman and member of the organizing board of the "Biology of Cognition" seminar, April 8–9, Cognitive Science, University of Helsinki (2005).
12. Member of the organizing board of the "Interdisciplinary Themes in Cognitive Language Research" conference, November 25–26, Helsinki, Finland (2005).
13. Evaluator for the European Science Foundation (ESF) for exploratory workshops (2006).
14. Evaluator and chairman for the Swedish National Agency for Higher Education in year 2006. Evaluation of all five Swedish Cognitive Science centers in five universities (Lund, Göteborg, Skövde, Linköping, Umeå).
15. Member of the organizing board of the "50th Anniversary of Cognitive Science" conference, December 1st, Helsinki, Finland (2006).
16. Member of the scientific Congress Committee of the 14th World Congress of Psychophysiology of the International Organization of Psychophysiology held in Petersburg in September 8-13 2008.
17. Chairman at the "Psykologia 2008" conference, August 20-22, Helsinki, Finland. Invited Symposium "Words, Minds and Memories" (2008).
18. Member of the European Science Foundation pool of experts (2008-2009)
19. Chairman at the "Speech and Brain 2009" symposium, March 19-20.2009, Helsinki, Finland." (2009).
20. Member of the European Science Foundation pool of experts (2009-2010).
21. Reviewer of grant proposals, Division for Social Sciences, The Netherlands (2009).
22. Reviewer for the paper proposals for the proceedings book from the "14th Biennial ISATT International Study Association on Teachers and Teaching Conference", July 1-4, 2009, in Rovaniemi, Finland (2009).

23. Member of the organizing board and scientific board of the EWIC 2010 - 12th European Workshop on Imagery and Cognition, Helsinki, Finland (2010).

## TEACHING AT UNIVERSITIES

### Basic level

1993

- Course "Psychophysiology", Åbo Akademi University, Department of Psychology

1994

- Course "Psychophysiology", Åbo Akademi University, Department of Psychology
- Course "Neuropsychology", Åbo Akademi University, Department of Psychology (1994-1995)

1996

- Course "Neuropsychology", Åbo Akademi University, Department of Psychology (1996-1997)
- Course "Psykologins grunder" [Foundations of Psychology] (20 h), Åbo Akademi University, Centre for Continuing Education, Helsinki, Finland (1996)
- Course "Psykologins grunder" [Foundations of Psychology] (20 h), Åbo Akademi University, Centre for Continuing Education, Maarianhamina, Finland (1996)

1997

- Course "Psychophysiology", Åbo Akademi University, Department of Psychology, (1997-1998)
- Course "Biological psychology", Åbo Akademi University, Department of Psychology (1997-1998)
- Course "Psykologi som vetenskap" [Psychology as a Science] (30 h), Åbo Akademi University, Centre for Continuing Education, Espoo, Helsinki (1997)
- Course "Psykologins grunder" [Foundations of Psychology] (40 h), Åbo Akademi University, Centre for Continuing Education, Turku, Finland (1997)

1998

- Course "Psykologins grunder" [Foundations of Psychology] (30 h), Åbo Akademi University, Centre for Continuing Education (1998)
- Course "Psykologi som vetenskap" [Psychology as a Science] (30 h), Åbo Akademi University, Centre for Continuing Education (1998)

1999

- Course "Psykologins grunder" [Foundations of Psychology] (30 h), Åbo Akademi University, Centre for Continuing Education (1999)

2000

- Course "Psykologi som vetenskap" [Psychology as a Science] (30 h), Åbo Akademi - University, Centre for Continuing Education, Turku, Finland (2000)
- Course "Psykologins grunder" [Foundations of Psychology] (24 h), Åbo Akademi University, Centre for Continuing Education, Vaasa, Finland (2000)

2001

-Course "Biological human-machine interfaces", Laboratory of Computational Engineering, Helsinki University of Technology (2001)

2002

-Course "Biological human-machine interfaces", Laboratory of Computational Engineering, Helsinki University of Technology (2002)

-Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2002–2003)

-Course "Moderni kognitiotiede -seminaari" [Modern Cognitive Science], Cognitive Science, University of Helsinki (2002–2003)

2003

-Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2003–2004, 2004–2005, 2005–2006, 2006–2007)

-Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Experimental Psychology], Cognitive Science, University of Helsinki (2003)

-Course "Psykologins grunder" [Foundations of Psychology] (24 h), Åbo Akademi University, Centre for Continuing Education, Turku, Finland (2003)

2004

-Course "Psykologins grunder" [Foundations of Psychology] (20 h), Cityfolkhögskolan i Helsingfors, Helsinki, Finland (2004)

-Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2004–2005)

-Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Experimental Psychology], Cognitive Science, University of Helsinki (2004)

2005

-Course "Kognitiv psykologi" [Cognitive Psychology] (20 h), Åbo Akademi University, Department of Psychology, Turku, Finland (2005)

-Course "Psykologins grunder" [Foundations of Psychology] (24 h), Åbo Akademi University, Centre for Continuing Education, Turku, Finland (2005)

-Course "Kognitiv Psykologi" [Cognitive Psychology] (10 h), Åbo Akademi University, Centre for Continuing Education, Turku, Finland (2005)

-Course "Kokeellinen kognitiotiede" [Experimental Cognitive Science] (10 h), Cognitive Science, University of Helsinki (2005)

-Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2005–2006)

-Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Experimental Psychology], Cognitive Science, University of Helsinki (2005)

2006

-Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2006–2007)

-Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Experimental Psychology], Cognitive Science, University of Helsinki (2006)

-Web-based course "Kokeellinen kognitiotiede" [Experimental Cognitive Science], Cognitive Science, University of Helsinki (2006)

-Course "Moderni kognitiotiede -seminaari" [Modern Cognitive Science], Cognitive Science, University of Helsinki (2006–2007)

2007

- Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2007)
- Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Experimental Psychology], Cognitive Science, University of Helsinki (2007)
- Course "Moderni kognitiotiede -seminaari" [Modern Cognitive Science], Cognitive Science, University of Helsinki (2007)
- Course "The EEG course" Cognitive Science, University of Helsinki and Helsinki University of Technology (2007)

2008

- Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2008)
- Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Behavioural Sciences], Cognitive Science, University of Helsinki (2008)

2009

- Course "Pro gradu -seminaari" [Master's Thesis Seminar], Cognitive Science, University of Helsinki (2009)
- Course "Kokeellinen harjoituskurssi" [Statistical & Research Methods in Behavioural Sciences], Cognitive Science, University of Helsinki (2009)
- Course "Research Seminars in Cognitive Science", Cognitive Science, University of Helsinki (2009)

#### Postgraduate level – researcher training – specialist training

1999

Course "Psykologisen tutkimuksen keskeisimmät menetelmät" [The Central Methods in Psychological Research], PsykoNet, Turku, Finland (1999–2000)

2000

Course "Psykologisen tutkimuksen keskeisimmät menetelmät" [The Central Methods in Psychological Research], PsykoNet, Turku, Finland (2000–2001)

2001

Course "Psykologisen tutkimuksen keskeisimmät menetelmät" [The Central Methods in Psychological Research], PsykoNet, Turku, Finland (2001–2002)

2002

Course "Psykologisen tutkimuksen keskeisimmät menetelmät" [The Central Methods in Psychological Research], PsykoNet, Turku, Finland (2002–2003)

2003

Course "Psykologisen tutkimuksen keskeisimmät menetelmät" [The Central Methods in Psychological Research], PsykoNet, Turku, Finland (2003–2004)  
"Moderni kognitiotiede -seminaari jatko-opiskelijoille" [Seminar on Modern Cognitive Science for Postgraduate Students], Cognitive Science, University of Helsinki (2003–2004)

Course "The Biology of Cognition", Cognitive Science, University of Helsinki (2003)

2004

Course "The EEG-course", Cognitive Science, University of Helsinki (2004)

2006

"Advanced course in EEG-technology" (together with the Helsinki University of technology) (2006)

"Moderni kognitiotiede -seminaari jatko-opiskelijoille" [Seminar on Modern Cognitive Science for Postgraduate Students], Cognitive Science, University of Helsinki (2006-2007)

2007

"Advanced course in EEG-technology" (together with the Helsinki University of technology) (2007)

"Moderni kognitiotiede -seminaari jatko-opiskelijoille" [Seminar on Modern Cognitive Science for Postgraduate Students], Cognitive Science, University of Helsinki (2007-2008)

2008

"Research seminars in cognitive science", Cognitive Science, University of Helsinki (2008-2009).

2009

"Research seminars in cognitive science", Cognitive Science, University of Helsinki (2009-2010).

All of my academic positions have included continuing supervision and tuition of graduate students in research projects since the year 1997.

## INVITED ACADEMIC LECTURES

1. "Habilitering eller förvaring. En kritisk granskning av vården av utvecklingsstörda" [Rehabilitation or Habitation. A Critical Review of Care for the Mentally Retarded]. Åbo Akademi University, Turku, Finland, 15.3.1994.
2. "Event-Related desynchronization". Kliinisen Neurofysiologian Päivät [Symposium on Clinical Neurophysiology], Turku, Finland, 22.10.1994.
3. "Musiikki ja aivot" [Music and the Brain]. Kognitiivisen neurotieteen seminaarisarja [A Seminar Series on Cognitive Neuroscience], Turku, Finland, 14.3.1996.
4. "EEG ja kognitiiviset prosessit" [The EEG and Cognitive Processes]. Foniatriksen yhdistyksen vuosikokous [Annual Meeting of the Phoniatic Association], Helsinki, Finland, 14.3.1997.
5. "Automatic auditory word perception indexed by 40 Hz EEG responses". The Finnish Society of Clinical Neurophysiology, 7.2.1997.
6. "Centre for Cognitive Neuroscience". Åbo Akademi University, Turku, Finland, 9.10.1997.
7. "Cognitive neuroscience", University of Turku, Department of Special Education, Turku, Finland, 1997.

8. "Neurofysiologiset menetelmät" [Neurophysiological Methods]. Kognitiivisen neurotieteen valinnaiskurssi [Optional Course in Cognitive Neuroscience], University of Turku, Finland, 5.5.1999.
9. "ERD/ERS method as a tool for studying language-related functions". Seminar in neurolinguistics, University of Turku, Finland, 9.10.1999.
10. "Aivojen sähköinen taustatoiminta ja kognitiiviset prosessit" [Cognitive Processes and the Electrical Activity of the Brain]. Aivot ja tietotyö [Information Work and the Brain], Finnish Institute of Occupational Health, Helsinki, Finland, 29.5.1998.
11. "Brain electric oscillations and cognitive processes". Department of Psychology, University of Helsinki, Helsinki, Finland, 11.4.2003.
12. "Brain electric oscillations and cognitive processes". PsykoNet, Helsinki, Finland, 16.4.2003.
13. "Aivot, kognitio ja kulttuuri" [Brain, Cognition and Culture]. Department of Cultural Studies, University of Turku, Turku, Finland, 24.9.2003.
14. "Den kognitiva neurovetenskapens syn på individen" [Personality from the Point of View of Cognitive Neuroscience]. Studia Generalia (Vem är jag? – I vetenskapens ljus) [Studia Generalia (Who am I? – from the point of view of science)], University of Helsinki, Finland, 21.10.2003.
15. "Aivojen sähköinen taustatoiminta ja kognitiiviset prosessit" [Cognitive Processes and the Electrical Activity of the Brain]. PsykoNet, Helsinki, Finland, 27.10.2003.
16. "Memory and cognitive neuroscience". Department of Philosophy, University of Helsinki, Finland, 13.11.2003.
17. "Aivojen sähköinen toiminta ja kognitiiviset prosessit" [Cognitive Processes and the Electrical Activity of the Brain]. Seminar "Mihin oppimisen tutkimuksessa ollaan menossa? Näkökulmia poikkitieteellisen oppimisen tutkimukseen" [Where is the Study of Learning Headed? Approaches to the Study of Interdisciplinary Learning], University of Helsinki, Finland, 3.3.2004.
18. "Aivojen toiminta – ihmisen rajallisuus" [The Activity of the Brain – The Limits of Man]. Lecturer and panelist on "Toiset teknologiapäivät" [2nd Symposium on Technology], MTT Agrifood Research Finland (Vakola), Finland, 11.1.2005.
19. "Aivojen sähköinen toiminta ja kognitiiviset prosessit" [Cognitive Processes and the Electrical Activity of the Brain]. Department of Home Economics and Craft Science, University of Helsinki, Finland, 28.1.2005.
20. "Aivojen sähköinen toiminta ja kognitiiviset prosessit" [Cognitive Processes and the Electrical Activity of the Brain]. Representaation eri muodot – teoreettisen filosofian ja semiotiikan yhteiskurssi [Modes of Representation – a Joint Course of Theoretical Philosophy and Semiotics], University of Helsinki, Finland, 16.2.2005.
21. "Aivojen sähköinen toiminta ja muisti" [Memory and the Electrical Activity of the Brain]. Studia Generalia – Muistin ja muistojen semiotiikkaa [Studia Generalia – Semiotics of Memory and Memories], University of Helsinki, Finland, 21.2.2005.
22. "Kognition neurotieteellinen tutkimus" [The Neuroscientific Study of Cognition]. Logopedics, University of Turku, Finland, 24.10.2005.
23. "Aivot, muisti ja muistot" [Memory, Memories and the Brain]. Siltamat, Faculty of Behavioural Sciences, University of Helsinki, Finland, 25.10.2005.
24. "Ihminen ja uudet tilanteet" [Individuals in new situations]. University of Art and Design Helsinki, Helsinki, 19.3.2007.
25. "Human memory". Aivot ja oppiminen [Brain and Learning] symposium, CICERO-network, University of Helsinki. 30.3.2007.

26. "Human memory – in perfect synchrony". KVIT-2007 symposium on Cognitive Science, Linköping, Sweden, May 10-11, 2007.
27. "Perimä ja oppiminen – perityn ja opitun suhde". Päivän paini with Professor Liisa Keltikangas-Järvinen, Tieteen Päivät [Science Days], University of Helsinki, 11.1.2009.
28. "Brain Electric Oscillations and Human memory". Imaging brainstorm, The resting brain – nothing still happens. International Neuroinformatics workshop. University of Tampere and Helsinki university of Technology, Espoo, Finland. Helsinki May 7th, 2009.
29. "Brain electric oscillations and cognitive processes", Course "Integrative Neuroscience", University of Helsinki, 22.9.2009.
30. "Ålderdomens utmaningar" [Challenges of aging, studia generalia], University of Helsinki, 25.10.2011.

### OWN EDUCATION

1. "Käytännön esimiestyö" – Course in leadership. University of Helsinki, 2002, 2003–2004.
2. "Kehityskeskustelukoulutus" – Course in personnel developmental discussion for leaders. University of Helsinki, 25.–26.5.2004.
3. "Palkkausjärjestelmäkoulutus" – Course in salary system for leaders, University of Helsinki, 13.12.2004.
4. "Etiikka opetuksessa" – Course in ethics in teaching. University of Helsinki, 22.9.2005.
5. "Etiikka tutkimuksessa" – Course in ethics in research. University of Helsinki, 23.9.2005.
6. "Etiikka johtamisessa" – Course in ethics in leadership. University of Helsinki, 30.9.2005.
7. Studies in University Pedagogy, 25 credits, 2006.
8. "Puheeksi ottaminen" – Course in leadership – how to solve conflicts. University of Helsinki, fall 2006.
9. "Johtaja kehittäjänä" – Course in leadership – leader as a developer. University of Helsinki, fall 2006.
10. "Päätöksenteko yliopiston hallintoelimissä" – Course in decisionmaking in Universities, 30.1.2007, University of Helsinki.
11. "Kokoustekniikka" – Course in meeting techniques, 14.2.2007, University of Helsinki.
12. 60 credits in Higher Education (University Pedagogy), August 2007, University of Helsinki.
13. "JET- johtamisen erikoisammattitutkinto" (advanced course on professional leadership), University of Helsinki, 2008-2010.

### INVITED NON-ACADEMIC TEACHING/LECTURES

1. "Musiikkiterapia" [Music Therapy]. Helsingfors svenska sjukvårdsinstitut [The Swedish Health Care Institute of Helsinki], Helsinki, Finland, 1987.
2. "Vammaisen lapsen musiikkiterapia" [Music Therapy of the Disabled Child]. The Summer University of Turku, Finland, 1989, 1990, 1991.
3. "Musiikkiterapia" [Music Therapy]. The Summer University of Turku, Finland, 22.6.1992 & 25.6.1992.

4. "Musiikkiterapia" [Music Therapy]. Turun aikuiskoulutuskeskus [Turku Centre for Continuing Education], Turku, Finland, 25.5.1992.
5. "Kehitysvammaisten käyttäytymishäiriöt laitospäristössä" [Behavioural Disorders of the Mentally Retarded in an Institutional Setting]. Förbundet de utvecklingsstördas väl [Care for the Mentally Handicapped], Helsinki, Finland, 1993.
6. "Kehitysvammaisten käyttäytymishäiriöt vuorovaikutuksessa henkilökunnan kanssa" [Behavioural Disorders of the Mentally Retarded in Interaction with Personnel]. Förbundet de utvecklingsstördas väl [Care for the Mentally Handicapped], Paimio, Finland, 3.3.1993.
7. "Hjärnans elektriska verksamhet (EEG) och mentala processer" [The Electrical Activity of the Brain and Mental Processes]. Akademiåret, 26.2.1996.
8. "Psyko(fysio)musikologi – ett nytt närmandesätt på musiken" [Psycho(physio)musicology – A New Approach to Music]. Yrkeshögskolan Sydväst [Sydväst Polytechnic], Lärkulla, Karjaa, Finland, 29.8.1998.
9. "Att leda mångfald" [Leading with Versatility]. Yrkeshögskolan Sydväst [Sydväst Polytechnic], 9.3.1999.
10. "Aivotutkimuksen uudet tuulet" [Current Trends in Brain Research]. The Finnish Parkinson Association, 25.10.1999.
11. "Aivot ja oppiminen" [Learning and the Brain]. Rauma Adult Education Centre, Rauma, Finland, 19.9.1999.
12. "Hjärnan och vi" [We and the Brain]. The Swedish Adult Education Centre of Helsinki, Helsinki, Finland, 24.9.1999.
13. "Hjärnan och inläring" [Learning and the Brain]. Folkhälsan i Åbo, Turku, Finland, 28.10.1999.
14. "Den fantastiska hjärnan" [The Fantastic Brain]. Institutet för kyrkans arbete [Institute for Church's Work], Lärkulla, Karjaa, Finland, 13.–17.3.2000.
15. "Musiken och framtiden" [Music and the Future], Framtidsklubben, The Finnish Society for Futures Studies, Turku, Finland, 13.3.2004.
16. "Aivot, kognitio ja ihmisen rajallisuus" [Brain, Cognition and the Limits of Man]. E-learning conference, Helsinki, Finland, 1.11.2004.
17. "Aivot, oppiminen ja ihmisen rajallisuus" [Brain, Learning and the Limits of Man]. Asiantuntijakouluttajien koulutuspäivä [Education Day for Expert Educators], Teollisuuden Voima Oy, Oikiluoto, Rauma, Finland, 1.9.2005.
18. "Aivot ja ihmisen rajallisuus" [The Brain and the Limits of Man]. Ikäihmisten yliopisto [University for the Elderly], Lahti, Finland, 13.9.2005.
19. "Aivot, kognitio ja ihmisen rajallisuus" [Brain, Cognition and the Limits of Man]. E-learning conference, Helsinki, Finland, 11.10.2005.
20. "Aivot ja ihmisen rajallisuus" [The Brain and the Limits of Man]. Valvomopäivät [Annual Meeting of Personnel of Power Plants, Energy Corporations and Process Industry], Tampere, Finland, 26.10.2005.
21. "Näkökulmia työskentelytapojen ja -olosuhteiden kehittämiseen inhimillisen tiedonkäsittelyn perspektiivistä" [On Developing Working Methods and Working Milieus From the Perspective of Information Processing]. Kouluttajapäivät, Helsinki, 16.–17.8.2006.
22. "Inhimillisen tiedonkäsittelyn rajat" [On the limits of human information processing], IF, Helsinki, 4.5.2010.
23. "Inhimillisen tekijän jäljillä" [Human factors], IF, Helsinki, 14.9.2010.
24. "Työn uusi maailma" [New perspectives on work], Tekniikan akateemisetTEK, Helsinki, 19.4.2011.

25. "What and where is human memory", Department for Communications and Culture, Ministry for Foreign Affairs, Helsinki, 19.5.2011.