

# CURRICULUM VITAE

## KENNETH HUGDAHL

### University of Bergen

**Birth:** January 15, 1948

**Civil Status:** Married to Mårit (1973-2016), 2 children, 4 grandchildren

**Home address :** Fantoftveien 36, 5072 Bergen, Norway

**Office address:** Department of Biological and Medical Psychology, University of Bergen, Jonas Liesvei 91, N-5009 Bergen, Norway, Tel. 55 586277 - Fax 55 589874 - **Email:** hugdahl@uib.no

**Main reserach interests:** Cognitive neuroscience and fMRI, hemispheric asymmetry and dichotic listening, cognitive dysfunction in schizophrenia, neurobiology of auditory hallucinations.

#### Academic Degrees:

B.A. 1973, Uppsala University, Sweden

Ph.D. in Psychology 1977, Uppsala University, Sweden

Docent in Psychology, 1981, Uppsala University, Sweden

#### Positions and Visiting professorships

Research Assistant, Dept Psychology, Uppsala University, Sweden, 1974-1979

Postdoc, Dept Psychology, University of Pennsylvania, USA, 1979

Assist prof., Dept Psychology, Uppsala University, Sweden, 1980-1984

Professor (tenure), Dept Biological and Medical Psychology, University of Bergen, Norway, 1984

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Adjunct Researcher, Dept Neurosurgery, Haukeland University Hospital, Bergen, Norway 1990-2000

Visiting professor UCLA, USA, Neuropsychiatric Institute, 1991

Visiting professor, Max-Planck Institute for Cognitive Neuroscience, Leipzig, Germany, 2002

Adjunct Researcher Div of Psychiatry, Haukeland University Hospital, Bergen, 2005--

Head of the Bergen fMRI-Group, 1993 - 2016 (National Resource Center for fMRI from 2003)

Head of the Bergen Mental Health Research Center 2003 -- 2008

Head of the Norwegian Node of the Nordic Center of Excellence in Cognitive Control 2006 - 2010

Adjunct Researcher Dept. Radiology, Haukeland University Hospital, Bergen, Norway, 2012 --

#### Publications

Has published >400, listed in PubMed and >600 listed in ISI Web of Science All Databases, with publications in all major journals in my field of research, and 6 books, among them the classic *three edited volumes on hemispheric asymmetry* published by MIT Press (1993; 2003; 2011) which are used as reference literature by researchers all over the World, and the *Psychophysiology - the Mind-Body Perspective* textbook published by Harvard University Press, which has been used as textbook for students all over the World since its publication in 1995. See separate "Publication list" for details". Web of Science All Databases Citations: >18.500, h-index: 74, Google Scholar Citations: >35.000, h-index: 105 (also indexing books and book chapters).

#### 10 key and high-impact publications:

1. Eichele, T., Debener, S., Calhoun, V., Specht, K., Engel, A., **Hugdahl, K.**, von Cramon D.Y., Ullsperger, M. (2008). Prediction of human errors by maladaptive changes in event-related brain networks. *Proceedings of the National Academy of Sciences (PNAS)*, 105, 6173-6178.

2. Eichele, T., Specht, K., Moosmann, M., Jongsma, M.L.A., Quiñero Quiroga R., Nordby H. & **Hugdahl, K.** (2005). Assessing the spatiotemporal evolution of neuronal activation with single-trial event-related potentials and functional MRI. *Proceedings of the National Academy of Sciences, (PNAS)*, 102, 17798-17803.

3. Falkenberg, L.E., Westerhausen, R., Specht, K., **Hugdahl, K.** (2012). Resting-state glutamate level in the anterior cingulate predicts blood-oxygen level-dependent response to cognitive control. *Proceedings of the National Academy of Sciences, (PNAS)*, 109, 5069-5073.
4. Cappelen, A.W., Eichele, T. **Hugdahl, K.**, Specht, K., Sørensen, E. Tungodden, B. (2014). Equity theory and fair inequality: A neuroeconomic study. *Proceedings of the National Academy of Sciences, (PNAS)*, 111, 15368-15372.
5. Kong, Xiang-Zhen; Mathias, Samuel R; Guadalupe, Tulio; et al. Corporate Author(s): ENIGMA Laterality Working Group (2018). Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the **ENIGMA Consortium**, *Proceedings of the National Academy of Sciences, (PNAS)*, 115, E5154-5163.
6. Tervaniemi, M. & **Hugdahl, K.** (2003). Lateralization of auditory-cortex functions. *Brain Research Reviews*, 43, 231-246.
7. Hugdahl, K., & Andersson, L. (1986). The "forced-attention paradigm" in dichotic listening to CV-syllables: A comparison between adults and children. *Cortex*, 22, 417-432.
8. Plessen, K., J., Bansal, R., Zhu, H., Whiteman, R., Amat, J., Quackenbush, G., A., Martin, L., Durkin, K., Blair, C., Royal, J., **Hugdahl, K.**, Peterson, B., S. (2006). Hippocampus and amygdala morphology in attention-deficit/hyperactivity disorder. *Archives of General Psychiatry*. 63. 795-807.
9. Kompus, K., Westerhausen, R, **Hugdahl, K.** (2011). The "paradoxical" engagement of the primary auditory cortex in patients with auditory verbal hallucinations: A meta-analysis of functional neuroimaging studies. *Neuropsychologia*, 49, 3361-3369.
10. **Hugdahl, K.**, Raichle, M. E., Mitra, A., Specht, K. (2015). On the existence of a generalized non-specific task-dependent network. *Frontiers in Human Neuroscience*, <http://dx.doi.org/10.3389/fnhum.2015.00430>

#### **Six books, textbooks and edited volumes**

1. **Hugdahl, K.** (Ed.), (1988). Handbook of dichotic listening. Theory, Methods, and Research. Chichester, UK: John Wiley & Sons (510 pp)
2. Davidson, R.J., & **Hugdahl, K.** (Eds.) (1993). Brain asymmetry. Cambridge, MA.: MIT Press (700 pp).
3. **Hugdahl, K.** (1995) Psychophysiology - The mind-body perspective. 430 pages. Cambridge, MA: Harvard University Press.
4. **Hugdahl (Ed)**, (2002). Experimental methods in neuropsychology, New York: Kluwer Academic Publishers (332 pp)
5. **Hugdahl, K.** & Davidson, R.J. (Eds.) (2003). The asymmetrical brain. Cambridge, MA: MIT Press (795 pp)
6. **Hugdahl, K.** & Westerhausen, R (Eds.) (2010). The two halves of the brain - Information processing in the cerebral hemispheres. Cambridge, MA: MIT Press (694 pp).

#### **Honors, Prizes and Awards**

- Fulbright-scholarship, Fulbright Foundation, USA, 1979 and 1991
- Scholarship Sweden-America Foundation, USA, 1979
- Norwegian Research Council (NAVF) Award for "Distinguished Scientific Contributions", 1988 (Highest award given by NAVF)
- Publication Award, Faculty of Psychology, University of Bergen, Norway, 1998
- Elected to the Norwegian Academy of Science and Letters, 2002
- Elected to the Finnish Academy of Science and Letters, 2002
- "Excellent" awarded by the Research Council of Norway evaluation of Health Sciences, 2004
- Science Popularization Award, Faculty of Psychology, University of Bergen, Norway, 2005
- Swedish Neuropsychological Association Research Award, University of Lund, Sweden, 2006
- Western Norway Health Authority Award for "Distinguished Research Group", 2006, (highest award given by Western Norway Health Authority)
- Honorary Doctor (doctor honoris causa), University of Turku, Finland, May 2009

Honorary Award for Outstanding Research, Faculty of Psychology, University of Bergen, 2009  
 Frontiers Associate Editor Award, Geneva, Switzerland, 2009  
 Publication Award for most productive research group in a single year, Regional Health Authorities in Western Norway (Helse-Vest) 2009, 2010  
 Listed in the Association for Psychological Science (APS), USA, "The Faces and Minds of Psychological Science", 2013  
 Meltzer Foundation Honorary Award for Outstanding Research, University of Bergen, Norway, 2014, (highest internal award given by University of Bergen)  
 Møbius Award from the Research Council of Norway (RCN) for Outstanding Research, Oslo, 2014 (highest award given by RCN)  
 ERC Advanced Grant, 2009 and 2016

### **Teaching and textbook authorship**

Full-time teaching experience in psychology and related disciplines from all levels of University-studies, from the undergraduate to the Ph.D-level, since 1975.

### **Textbooks/teaching videos**

K. Hugdahl, *Psychophysiology: The mind body perspective*. (1995): Cambridge, MA: Harvard University Press, USA (430 pp)  
 K. Hugdahl & B H Johnsen, *Biologisk psykologi - En innføring på psykologi grunnfag*, NKI-Skolen, Oslo, Norway, 1996 (120 pp)  
 K. Hugdahl, *Hjerne og atferd - fra det basale til det komplekse*, NKI- Skolen, Oslo, Norway, 1996 (video)

### **Ph.D supervision**

Have supervised 48 (12 co-supervisor) PhD students to their doctoral degree; Mikael Franzon, Claes-Göran Brobeck, Britta Andersson, Göran Carlsson, Markku Penttonen, Jon Chr.Laberg (co-supervisor), Helge Nordby, Magne Flaten, Knut Dalen, Bjørn Helge Johnsen, Gerd Kvale, Arve Asbjørnsen, Kjell Morten Stormark, Sara Saban, Sonja Ofte, Einar Heiervang, Åsa Hammar, Tormod Thomsen, Else-Marie Løberg, Lars Morten Rimol, Arne Gramstad, Kerstin von Plessen, Tom Eichele, Maurits van den Noort, Bjørn Sætrevik, Kolbjørn Brønnick (co-supervisor), Hilde Gundersen, Anca Sandu, Lin Sørensen (co-supervisor), Sarah dos Santos Sequeira, Heidi van Wageningen, Erik Johnsen (co-supervisor), Martin Andersson (co-supervisor); Harald Beneventi, Margaretha Dramsdahl (co-supervisor), Berge Osnes (co-supervisor), Mari Strand (co-supervisor), Guro Årdal (co-supervisor), Merethe Nygård, Wenche ten Velden-Hegelstad, Norway (co-supervisor), Liv E. Falkenberg; Marit Schmid (co-supervisor), Josef Bless, Germany (co-supervisor), Siri Helle (co-supervisor), Heike Eichele (co-supervisor), Maiken Brix (co-supervisor), Gerard Dwyer (co-supervisor), Runar Smelror (co-supervisor), Igne Sinkeviciute (co-supervisor). Supervised about 20 Master-theses at the Universities of Uppsala and Bergen since 1980. Currently co-supervising 2 PhD students: Ina Almdahl, Justyna Beresniewicz, Poland, 2 Postdocs: Gerard Dwyer, Australia, Magda Dumitru, Romania

### **Research grants:and funding**

Swedish Council for Research in the Humanities and Social Sciences (HSFR), Stockholm, Sweden  
 Wallenberg-foundation, Uppsala, Sweden,  
 Norwegian Council for Research in the Social Sciences (NAV/RSF), Oslo, Norway  
 Norwegian Council for Medical Research, Oslo, Norway (NAV - RMF),  
 National Association against Cancer (RMC), Stockholm, Sweden,  
 Nansen Foundation, Oslo, Norway,  
 Meltzer Foundation, Bergen, Norway  
 Nordic Council (NORFA), Copenhagen, Denmark on Neurolingusitics and brain imaging

Nordic Council (NOS-S), Helsinki, Finland, Nordic Center of Excellence in Cognitive Control  
 Letterstedtska Föreningen, Stockholm, Sweden  
 MacArthur Foundation, Chicago, USA  
 Isberg's legat, Oslo, Norway  
 Innovest, Haukeland University Hospital, Bergen, Norway  
 Faculty of Psychology, University of Bergen, Norway  
 Health Authority of Western Norway, Bergen, Norway  
 Alfried Krupp von Bohlen und Halbach Stiftung, Greifswald/Berlin, Germany.  
 Nyquist Legat, Bergen, Norway  
 Research Council of Norway for the Bergen Mental Health Reserach Center, Oslo, Norway  
 ERC ADVACED GRANT, "VOICE" PROJECT, EU, BRUSSELS, 2010 - 2015  
 KG Jebsen Center for Neuropsychiatric Disorders, 2011 – 2015  
 NORMENT CENTRE FOR MENTAL DISORDERS RESEARCH (Center of Excellence, RCN, Norway / Senter for Fremragende Forskning, SFF), Norges Forskningsråd) 2013 - 2018  
 ERC ADVANCED GRANT, "ONOFF", EU, BRUSSELS, 2016 - 2021  
**Current funding:** ERC Advanced Grant; RCN SFF, Helse-Vest Samarbeidsorganet

### **Invited Faculty PhD Opponent**

Sandra Bates, University of Uppsala, Sweden, Lasse Eriksen, University of Trondheim, Norway  
 Steen Larsen, Copenhagen University, Denmark, Aki Johansson, Lund University, Sweden, John  
 Ingum, University of Oslo, Norway Birgitta Söderfelt, Uppsala University, Sweden, Sari Levänen,  
 University of Helsinki, Finland Peter Annas, Uppsala University, Sweden, Merete Øie, University  
 of Oslo, Norway Stein Andersson, University of Oslo, Norway Svein Blomkvist, University of  
 Oslo, Norway, Åke Elden, University of Tromsø, Norway, Anne-Marie Dupee, Lund University,  
 Sweden, Jens Gisselgård, Karolinska institute, Stockholm, Sweden Ira Haraldseth, University of  
 Oslo, Norway, Thomas Espeseth, University of Oslo, Norway, Jarmo Hämäläinen, University of  
 Jyväskylä, Finland, Thomas Ramsøy, University of Copenhagen, Denmark, Ragnar Nesvåg,  
 University of Oslo, Norway, Ericka Persson, Århus University, Denmark, Katarina Howner,  
 Karolinska Institute, Stockholm, Sweden, Lucia Monserrat Alba-Ferrara, University of Durham,  
 UK; Leah Johnstone, University of Bangor, UK, Tiziano Quarto, University of Helsinki, Finland,  
 Susie Fo, Universiy of Oslo, Norway, Martha Gorecka, University of Tromsø, Norway, 2022,  
 Joseph Johnson, University of Maastricht, Netherlands, 2022, Martin Ståhlacke, Umeå  
 University, Sweden, 2023

### **Editorship**

Editor-in-Chief *Uppsala Psychological Reports*, Uppsala University, 1980-1984  
 Editor-in-Chief *Scandinavian Journal of Psychology*, Oxford, UK: Blackwell Publishers, 1988-  
 2003  
 Co-Editor *Journal of Psychophysiology*, London, UK: Oxford University Press, 1987-1992  
 Editor *Handbook of Dichotic Listening*, 1988, London, UK: Wiley & Sons, 1988  
 Associate Editor *Psychophysiology*, USA: Cambridge University Press, 1993-1998  
 Associate Editor *Scandinavian Journal of Behavior Therapy*, Blackwell Publishers, 1994-2001  
 Editor *Brain Asymmetry*: MIT Press, Cambridge, USA, 1995 (co-editor with R.J. Davidson,  
 USA).  
 Consulting Editor *Journal of Clinical and Experimental Neuropsychology*, Amsterdam: Swets &  
 Zeitlinger, 1993-1995  
 Associate *Behavioral and Brain Sciences*, Cambridge University Press, USA, 1993--  
 Consulting Editor *Journal of Child Neuropsychology*, Amsterdam: Swets & Zeitlinger, 1994-2015  
 Consulting Editor *International Journal of Psychology*, Taylor & Francis Group, 1994- 2000  
 Editorial Board *Laterality*, Taylor & Francis Group, 1995-  
 Editor *The Asymmetrical Brain*, MIT Press, 2002 (co-editor with R.J. Davidson, USA)  
 Editor *Experimental Methods in Neuropsychology*. Kluwer Academic Publishers, 2002

Editorial Board *Clinical Practice and Epidemiology in Mental Health*, BMC Journals  
 Associate Editor *Frontiers in Human Neuroscience*, USA 2007 -- 2012  
 Editorial Board *The Open Neuroimaging Journal*, Bentham Publishers, UK, 2008 --  
 Editorial Board *Journal of Clinical Practice and Epidemiology in Mental Health*, 2008 --2016  
 Action Editor *Brain and Cognition*, USA, 2008 -- 2012  
 Editor *The two halves of the brain*, MIT Press, USA (co-editor with Rene Westerhausen), 2010  
 Guest Editor Special Topic Issue *Frontiers in Human Neuroscience*, Switzerland, 2009 and 2012  
 Guest Editor Brain and Cognition "50 Years of Dichotic Listening research", 2011  
 Associate Editor *Psychiatry Journal*, Hindawi Publishers, 2011 –  
 Editorial Board *Frontiers in Frontiers in Neuroscience*, 2019 --  
 Editorial Board *Frontiers in Psychiatry*, 2019 --

### **Referee for scientific journals (by alphabet)**

Acta Oncologica, Acta Psychiatrica Scandinavica, Acta Neuropsychiatrica, American Journal of Audiology, American Journal of Psychiatry, American Journal of Speech-Language Pathology, Archives of General Psychiatry, Behavior Therapy, Behavioral and Brain Sciences, Behavior Research Methods, Behavioral Brain Research, Behavioral and Brain Functions, Biological Psychiatry, Biological Psychology, BMC Biology, BMC Neuroscience, Brain, Brain and Cognition, Brain and Language, Brain Imaging and Behavior, Brain Research, Brain Research Reviews, British Journal of Psychology, Cerebral Cortex, Child Neuropsychology, Child Psychology and Psychiatry, Clinical Neurophysiology, CNS Spectrums, Cognitive Affective and Behavioral Neuroscience, Cognition and Emotion, Cognitive Brain Research, Cognitive Neurodynamics, Computer Methods and Programs in BioMedicine, Cortex, Current Biology, Current Opinion in Biology, Developmental Neuropsychology, Drug and Alcohol Dependence, Emotion, European Archives of Oto-Rhino-Laryngology and Head & Neck, European Journal of Applied Physiology and Occupational Physiology, European Journal of Cognitive Psychology, European Journal of Neuroscience, European Journal of Pediatrics, European Psychologist, Experimental Brain Research, Frontiers in Neuroscience, Frontiers in Human Neuroscience, Frontiers in Psychology, Frontiers in Psychiatry, Frontiers in neurology, Expert Review of Neurotherapeutics, Health Psychology, Human Brain Mapping, International Journal of Psychology, International Journal of Audiology, Neurosurgery & Psychiatry, International Journal on the Biology of Stress, International Journal of Psychophysiology, Internet Journal of Mental Health, JAMA Psychiatry, Journal of the Acoustical Society of America, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: Applied, Journal of Mental Health, Journal of Neuroscience, Journal of Phonetics, Journal of Psychophysiology, Journal of Behavior Therapy and Experimental Psychiatry, Journal of Abnormal Psychology, Journal of Child Psychology and Psychiatry, Journal of Clinical and Experimental Neuropsychology, Journal of Learning Disabilities, Journal of Mental Health, Journal of Neurology, Journal of Psychopharmacology, Journal of Psychiatric Research, Journal of Sport Sciences, Journal of Speech, Language and Hearing Research, Laterality, Neural Plasticity, NeuroCase, Neuroimage, Neuroimage Clinical, NeuroReport, Neurophysiology, Neuropsychologia, Neuropsychology, Neuroscience & Biobehavioral Reviews, Nordic Journal of Psychiatry, Perceptual and Motor Skills, PlosOne, Psychiatry Journal, Psychiatry Research, Psychological Bulletin, PNAS, Psychological Medicine, Psychological Reports, Psychopharmacology, Psychoneuroendocrinology, Psychophysiology, Psychology of Music, Psychiatry Journal, Psychosomatic Medicine, Quarterly Journal of Experimental Psychology, Reading and Writing, Scandinavian Journal of Gastroenterology, Scandinavian Journal of Psychology, Scandinavian Journal of Behaviour Therapy, Schizophrenia Bulletin, Schizophrenia Research, Science, Scientific Reports, Scientific Reports, Social Neuroscience; The Open Neuroimaging Journal, Trends in Cognitive Sciences, WIREs Reviews of Cognitive Science

### **Membership Scientific Societies**

American Association for the Advancement of Science, European Association of Science Editors, European Neuroscience Association, European Science Foundation Network on Neural Mechanisms of Learning and Memory, European Society for Cognitive Psychology, International Neuropsychological Society (Board of Directors, 1992-1994), International Neuroscience Association, International Organization of Psychophysiology, New York Academy of Sciences, Nordic Psychophysiology Society (President 1987-1992), Nordisk Selskap for Biologisk Psykiatri, Norway, The Norwegian Academy of Science and Letters, 2002-, Rodin Remediation Foundation, Society for Cognitive Neuroscience, USA, Society for Neuroscience, The Pavlovian Society, The Society for Psychophysiological Research (Membership Chairman 1987-1990, Nominations board 1994-1996; Board of Directors 1996 - 1999), World Psychiatric Association - Section on Psychophysiology (USA)

### **Professional and Administrative Experience**

- Vice-president of the Swedish Association of Behaviour Therapy 1981-1982
- Program Committee 2nd World Congress of Behaviour Therapy, Washington, D.C. 1983
- Chairman Department of Somatic Psychology, University of Bergen, 1984-1990
- Program Committee Meeting of The Society for Psychophysiol Research, Amsterdam, 1987
- Scientific Council Hjeltestad-Clinic, Bergen, 1985- 1988
- Chairman Membership Committee, Society for Psychophysiological Research, USA, 1987-1990
- Nominations Board, Society for Psychophysiological Research, USA; 1989-1990
- Board of Directors, Stiftelsen A-klinikk for Vestlandet, Bergen, 1987-1992
- Chairman of the Program Committee, First Nordic Meeting in Psychophysiology, Bergen, 1987
- Organizing Committee First European Conference in Psychophysiol, Tilburg, Netherlands, 1991
- Program Committee 30th Meeting of the Society for Psychophysiol Res, San Diego, USA, 1992
- Board of the Association of Professors, University of Bergen, 1986-1989
- Psychology Study Section Research Council of Norway (NAVF-RSF), 1989-1991
- Psychiatry Study Section Research Council of Norway (NAVF-RMF) 1989-1991
- Physiology Study Section Research Council of Norway (NAVF-RMF) 1991-1992
- Mental Health Study Section Research Council of Norway, 1992 - 1999
- MacArthur Foundation Mind-Body Network, Chicago, USA 1989 - 2000
- Chairman MacArthur Foundation Mind-Body Network Psychophysiology satellite task-force, 1993
- European Science Foundation Network on Research on Handicaps, Strasbourg,
- President of the Nordic Psychophysiology Society, 1987-1992
- Board of Directors of the International Neuropsychological Society (INS), USA; 1991-1993
- Council of the School of Psychology, University of Bergen, 1986-1990
- University Council, University of Bergen, 1988-1989
- Chairman task-force group, Reserach Council of Norway (NAVF) on "Brain-imaging", 1991.
- Scientific Committee 7th International Congress of Psychophysiology, Thessalonike, Greece, 1994
- Ad hoc Search Committee Editor-in-Chief International Neuropsychological Society, USA, 1994
- Program Committee INS European Meeting, Veldhoven, Netherlands, 1996
- Board of Directors, Health & Emotions Research Institute, Madison, WI, USA, 1995-1998
- Program Committee INS European Meeting, Budapest, Hungary 1998
- Program Committee INS USA Meeting, Boston, USA, 1999
- INS Board Continuing Education, 2000-2003
- Board of Directors Norsk Forum for Nevropsykiatri 2002-2003
- Joint Parliament and Science Council, Oslo, Norway, 2001--
- Steering Committee "Barn i Bergen", University of Bergen, 2001
- Chairman Scientific Advisory Board, Helsinki University Brain Research Center of Excellence, 2002-2007

- Program Committee INS European Meeting, Stockholm, Sweden, 2002
- Program Committee INS Meeting, Berlin, Germany, 2003
- Board of the Center for Advanced Studies, Oslo, 2003 --
- Program Committee INS European Meeting,, Zurich, Switzerland, 2006
- Organizing Committee Conference on Imaging in Neuroscience, Tromsø, Norway, 2007
- Steering Committee ESF Network on Neuroscience and Society (ENSN), 2007 --
- International Scientific Advisory Board CICERO Learning Network, Helsinki, 2006 -- 2008
- Management Committee ESF-COST Action BM0605 'Consciousness', 2007 -- 2008
- Steering Committee TENNET conferences, Canada, 2008-2010
- Organizing Committee Conference on Imaging in Neuroscience, Tromsø, Norway, 2009
- Organizing Committee Annual Meeting Society for Psychophysiological Research, Savannah, GE, USA, 2007
- Organizing Committee ESF COST high-level conference on "Law and Neuroscience", Maratea di Aquafredda, Italy, 2009
- Scientific Advisory Board Nobel Symposium 2010 "The Enlightened Brain, Karolinska Institute, Stockholm, Sweden, June 6-10
- Scientific Advisory Board, International Normal Aging and Plasticity Imaging Center (INAPIC), University of Zürich, Switzerland, 2009 --
- Board of Directors NORBRAIN RCN funded large-scale initiative on brain research in Norway, 2012 –
- Scientific Committee Annual Meeting International Consortium on Hallucination Research, Trondheim, Norway, 2014
- Scientific Committee Symposium on “New Approaches in the Neurobiology of Schizophrenia”, Chalkidiki, Greece, May 2017
- Scientific Committee Kavli Prize Foundation Workshop on Neuroscience, Bergen, Sept 2019

### **Professional Reviews**

Professor social psychology, Trondheim -87, Professor biological psychology, Bergen - 88, Professor work psychology, Stavanger -88, Professor organizational psychology, Bergen -90, Research professor, Academy of Finland, Helsinki -91, Professor clinical psychology, Uppsala -92, Professor behavioral medicine, Oslo -92, Professor medical psychology, Trondheim -93, Docent, University of Lund -93, Australian Research Council, -93, Associate professor, Karolinska institute -95, Associate professor, Umeå Universitet, - 95, Docent, Karolinska institute, -95, Professor of psychology, Turku University, Finland - 96, Lecturer, Linköping University -97, Lecturer position, University of Aberdeen, U.K., 1998, Professor of Psychology, University of Oslo -2000. Lecturer and post-doc positions, University of Oslo, 2002, Lecturer Høgskolen i Agder, 2002, - Chairman of Review Committee A for the evaluation of Swedish Psychological Education, Høgskoleverket, Stockholm, 2003-2004, - Chairman of Cognitive Sciences Review Committee for evaluation of the Swedish Brain Power Program for establishment of a Swedish Center of Excellence in Neurodegenerative and Neuropsychiatric diseases, Vinnova, Stockholm 2004, Docent Lund University 2004, Professor Gøteborg University, 2004, Swedish Research Council for Worklife (FAS) Center of Excellence, 2006/2007, Professor at CBRU, University of Helsinki, 2007, Professor at the Åbo Akademi University, 2008, Max-Planck Society, 2008, German Ministry of Health, 2008, Lund University, Sweden, Evaluation of Social Science Research, 2008; Danish University Accrediation Center, 2009; Member ESF Pool of Referees 2008--; Professorship

Neuroscience Aarhus University, 2010, Professorship in Clinical Psychology, Uppsala University, 2010; Researcher, Karolinska Institute, Stockholm, Oct 2010, Wallenberg Foundation, Sweden, 2011, Archimedes Foundation, Estonia, Center of Excellence International Expert, 2011; Assessment Panel of Psychology Research Programs at all Universities in the Netherlands, 2011; Assessment panel of Max-Planck Society Research School, Berlin, Germany, 2012, Associate professor, University of Lund, Sweden, 2012, ERC Starting Grant reviews, 2012, 2014, 2015, 2016, Professor of Clinical Psychology, University of Uppsala, 2018, Professor promotion, Durham University, UK, 2019, PhD Opponent (Discussant), University of Oslo, May 2019, Search Committee new Director of Max-Planck Institute for Empirical Aesthetics, Frankfurt, Germany, Oct 2020, Philip Leverhulme Prize, University of Durham, UK, June 2021, Karolinska Institutet, Stockholm, Sweden, Sept 2022, University of Uppsala, Sweden, Sept 2022, University of Oslo, LCBC, Aug 2022

### **Grant Proposal Reviews**

Research Council of Norway, 1988- 2007; Tenure positions at: Yale University, USA, 1988 and 1992, UCLA, Los Angeles, USA, 1992, University of Wisconsin-Madison, USA, 1992 and 1995, Harvard University, 1994, UCLA, Los Angeles, USA, 2000; - Chairman position, University of Tennessee, Memphis, USA, 1991; - Consultant for the MacArthur Foundation Health Program, Chicago, USA, 1989- 1999; - Senter for Leseforskning, Stavanger, Norway, 1991; - Search for Editor Journal of Experimental Psychology: General , USA, 1994; - APA Award Nomination, USA, Dec. 1995; - MacArthur-McDonnell USA program on Emotions, 1992-1993; - Israel Science Foundation, - 1993, 1997; - International Science Foundation, USA, 1993; - BIOMED 2, EU, Brussels, May 1995; - Research Council of Hong Kong, 1997; - International Human Frontier Science Program, Strasbourg, 1997; - The Wellcome Trust, 1998, 1999, 2000; 2004; - Italian Research Council, 1998; 2003,- Austrian Science Fund, August 1998; - APA Distinguished Scientific Award, Washington D.C., 1999; - The Joint Infrastructure Fund, UK, 2000; - Academy of Finland Search for "Centers of Excellence" Helsinki., 2001; - Academy of Finland, 2002; - Swedish Research Council, Stockholm, 2002; - Swiss Research Council, Geneva, 2002; 2004; - French Research Council (Neurex, INSERM), Paris, 2003; - The Dr Hadwen Trust for Humane Research, London, UK, 2006; - European Research Council, Brussels 2007, - European Science Foundation, Strasbourg, 2007; - The Bank of Sweden Tertiennary Fond, Stockholm, 2007, Health Authorities of Eastern Norway, 2007, Max-Planck Society, Germany, 2008, Danish Medical Research Council, 2008, The Foundation of Science and Technology of Portugal (FCT), 2009-2010, EU Fp7 Health program, Brussels, 2009; Swiss National Science Foundation, 2009; Danish Medical Research Council, 2009; Karolinska Institutet, Stockholm, 2009, Danish Agency for Science, Technology and Innovation, Copenhagen, 2010; Hongkong Institute of Education, 2011, Wallenberg Foundation, Sweden, 2011, Archimedes Foundation, Estonia, Cennetr of Excellence International Expert, 2011 Helse Midt-Norge, NTNU, Norway, 2012, ERC Starting Grants 2012, 2014, 2015, 2016, EU-ERANET-NEURON, April 2019, Wallenbergstiftelsen, Seden, 2019, Swedish Research Council-Linneaus Centers, June 2019, Lecturer position Stockholm University, Sweden, March 2019, Swedish Research Council/Linneaus Foundation, June 2019, EU-ERANET-NEURON/Biomarkers, Lisbon, Sept 2019, FCT, Research Council of Portugal, Lisbon, 2020, Philip Levelthume Prize, UK, 2021, Assoc. professor position, Jyväskylä University, Finland, 2021.

### **Innovation and Industrialization**

I was one of the founding partners of the NordicNeuroLab Inc (NNL)., Bergen, Norway in 2001, <http://www.nordicneurolab.com/>, which produces add-on hard- and software for fMRI investigations. The company holds several patents and is today World-leading in its market segment, with ~35 employed at the Main Office in Bergen, Norway, and with an annual turnover of approximately EUR 5.0 mill. (NOK 50.0 mill) in 2018. NNL has more



than 1000 installations in over 60 countries, and holds three patents in the US and Europe; (US8085942 B2, EP2095144 A1); (EP 1887932 A1); (US 8,554,304 B2).

#### **National and International Collaborations (past and current)**

National: NORMENT Center of Excellence Research on Schizophrenia, University of Oslo (Ole Andreassen), 2013-, KG Jebsen Network for Research on Neuropsychiatric disorders, University of Bergen (Jan Haavik) 2010 – ; Research Group on Autism Research, Karolinska Institute, University of Oslo, University of Bergen (Tore Midtvedt, Lars Erskand), 2012 -; Research Center on Psychosis Research, BP2, Division of Psychiatry, Bergen, Norway (Erik Johnsen), 2012-. International: International Consortium for Hallucination Research, Sydney, Australia (Flavie Waters), 2013 --; MIND Research Network on Imaging, Albuquerque, USA (Vince Calhoun), 2014 -; Bechtereva Institute on Human Brain, St. Petersburg, Russia (Syastolov Medvedev) 2006-; North Sea Network on Brain Asymmetry Research, Durham, UK (Markus Hausmann), 2010-; Izmir-Bergen collaboration on auditory processing, University of Izmir Turkey (Murat Özgören), 2011 –; BERTA Lab, University of Tartu, Estonia (Jyri Allik), 2013 -, International Consortium for hallucinations Research, Melbourne, Australia, 2014 --; HALNET, international hallucinations network, University of Dublin, Ireland, 2018 – (EU Marie Curie proposal, 2019), Roehampton University, London, UK (Paul Allen), University of Padua, Italy (Chiara Spironelli).

#### **Invited keynote and symposium presentations and lectures (chronological order)**

Colloquium speaker = Invited as speaker at single lecture event

Seminar speaker = Invited as speaker at national or international seminars/symposia/meetings

Keynote speaker = Invited as keynote speaker at conferences

Colloquium Uniformed Services University, Washington, D.C., USA, Nov, 1979  
 Colloquium Department of Psychology, University of Pennsylvania, Philadelphia, USA, Dec 1979  
 Symposium Department of Psychology, Jagiellonian University, Krakow, Poland, April 1983  
 Keynote speaker British Psychological Association Annual Meeting, London, Dec 1985  
 Keynote speaker British Psychophysiology Society Annual Meeting, London, Dec, 1985  
 Symposium speaker Wenner-Gren International Symposia, Stockholm, Sweden, June 1986  
 Symposium speaker Society for Psychophysiological Research, USA, Montreal, Canada, Oct 1986  
 Colloquium Department of Psychology, University of Wisconsin, Madison, USA, Oct 1986  
 Colloquium Department of Psychology, University of Minnesota, Minneapolis, USA, Oct 1986  
 Colloquium Department of Psychology, University of Uppsala, Sweden, November 1986  
 Keynote speaker Finnish Psychological Association Annual Meeting, Helsinki, Finland, Dec 1986  
 Colloquium Department of Psychology, Umeå University, April 1987  
 Symposium speaker Department of Psychology Brown bag meeting, UCLA, May 1987  
 Symposium speaker Neuropsychiatric Institute Brown Bag meeting, UCLA, Los Angeles, May 1987  
 Colloquium Department of Psychology, SUNY, Buffalo, USA, Nov 1988  
 Symposium speaker MacArthur Foundation Meeting on Mind-Body, New Orleans, August 1988  
 Symposium speaker International Congress in Psychophysiology, Praha, Sept 1988.  
 Colloquium Department of Education, University of Georgia, USA, Oct, 1988.  
 Colloquium Department of Psychology, University of Wisconsin, Madison, USA, Oct 1989  
 Keynote speaker Second Nordic Meeting of Psychophysiology, Linköping, Sweden, 1989.  
 Symposium speaker First European Conference on Psychology, Amsterdam, June 1989  
 Keynote speaker Workshop on Electrodermal Measures in Psychological Research, Jyväskylä, Finland, Sept 1989  
 Symposium speaker International Organization of Psychophysiology, Budapest, May 1990  
 Keynote speaker, Dyslexia Symposium The Extraordinary Brain, Barcelona, Spain, June 1990.  
 Colloquium Haskins Laboratories, Yale University, USA, May 1990

Colloquium Institute for Physiological Regulations, Academy of Science, Praha, CSSR, August 1990.

Colloquium Department of Experimental Psychology, Academy of Science, Bratislava, Sept 1990.

Colloquium The Nencki Institute, Department of Experimental Biology, Warsaw, Poland, 1991

Colloquium Bräcke Ostergård Rehabilitation Center, Göteborg, Sweden , Sept 1991

Colloquium Neuropsychiatric Institute UCLA, Los Angeles, Oct 1991

Colloquium Clinical Research Center, Camarillo State Hospital, UCLA, Los Angeles, Oct, 1991

Keynote speaker NATO Symposium on Electrodermal Measures, Lille, France, May 1992

Symposium speaker International Organization of Psychophysiology, Berlin, September 1992.

Keynote speaker Bi-Annual Meeting of the Nordic Psychophysiological Society, Helsinki, Sept 1992.

Colloquium Department of Psychology, University of Jyväskylä, Finland, May 1993

Colloquium Department of Psychology, University of Gothenburg, August 1993

Keynote speaker Dyslexia and Dyscalculia Meeting, University of Bergen, September 1993

Colloquium Department of Psychology, University of Wisconsin-Madison, USA October 1993

Symposium speaker Second European Conference in Psychophysiology, Barcelona, Spain, April, 1994

Colloquium Neurologisches Klinik, University of Innsbruck, Austria, May , 1994

Colloquium Department of Psychology, University of Uppsala, Sweden, November, 1994

Colloquium Department of Medical Psychology, University of Tübingen, Germany, November, 1994

Colloquium Department of Psychology, Catholic University Eichstadt, Germany, November, 1994

Keynote speaker Nordic Neuropsychology Meeting, Uppsala, Sweden, August 1995

Colloquium Department of Psychology, Ohio State University, USA, October 1995

Colloquium Department of Experimental Psychology, Academy of Science, Bratislava, Slovakia, Nov 1995

Colloquium Department of Neurology, University Hospital, Düsseldorf, Germany, April 1996

Symposium speaker International Organization of Psychophysiology Annual Meeting, Tampere, Finland, June, 1996

Keynote speaker NATO-ASI Symposium on the Parallel Brain, Tuscany, Italy, September 1996

Keynote speaker Annual Meeting of the Pavlovian Society, Baltimore, USA, October 1996

Colloquium Department of Psychology, University of Iowa, USA, March 1997

Colloquium Department of Psychology, Uppsala University, Sweden, November 1997

Keynote speaker International Conference on Dyslexia, Stavanger, Norway, November 1997

Colloquium Department of Psychology, University of Bochum, Germany, November 1997

Keynote speaker Swedish Disability Center, University of Linköping, Sweden, May 1998

Colloquium Max Planck Institute for Cognitive Neuroscience, Leipzig, Germany, May 1998

Keynote speaker Nordic Neurolinguistics Conference, Merikjärvi, Finland, June 1998

Symposium speaker Society for Psychophysiological Research, Denver, USA, September 1998

Colloquium New York State Psychiatric Institute, USA December, 1998.

Colloquium Department of Psychology, University of Swansea, UK, March 1999

Colloquium Sahlgrenska University Hospital, Göteborg, Sweden, March 1999

Colloquium St. Petersburg State University, Russia, March 1999

Colloquium, Department of Psychology, University of Riga, Latvia, November 1999

Symposium speaker Assistentlegetor, Eli-Lilly Inc., Oslo, Norway, January 2000

Keynote speaker World Congress of Psychology, Stockholm, Sweden, July 2000

Colloquium Department of Physiology, Université de Lausanne, Switzerland, July 2000

Colloquium Department of Psychology, Lund University, Sweden, July 2000

Colloquium Department of Communication Sciences, University of Sheffield, UK, October 2000

Colloquium Department of Psychology, University of Helsinki, November 2000

Colloquium University of Helsinki Brain Research Center, Finland September 2001

Keynote speaker Brain Imaging in Psychiatry Meeting Ljublanja University Medical Center, Ljubljana, Slovenia, Oct 2001

Colloquium Max-Planck Institute of Cognitive Neuroscience, Leipzig, 2002

Keynote speaker Opening Conference Luxembourg University Center, Luxembourg, May 2003

Symposium speaker International Neuropsychological Society Meeting, Berlin, Germany, June 2003

Colloquium Center for the Biology of Memory and Learning, NTNU, Trondheim, Norway Sept 2004

Colloquium Child Psychiatric Clinic, University of Pisa, Italy, October 2004

Keynote speaker Annual Research Conference, Dept General Psychology, Univ of Bergen, Norway, Nov 2004

Keynote speaker, Asymmetry and Symmetry Conference, Academia Europae, London, UK, Jan 2005

Colloquium University Centre for Cognitive Neuroscience, Turku, Finland, February 2005

Keynote speaker Emotions and Cognitions Nobel Symposium Karolinska Institute, Stockholm, Sweden, June 2005

Keynote speaker Nordic Conference on Dyslexia, Stockholm, Sweden, August 2005

Keynote speaker, European Cognitive Psychology Society Meeting, University of Basel, Switzerland, Sept 2005

Colloquium Dept Psychology, Stockholm University, Sweden, October 2005

Colloquium Nordhordaland Folkehøgskule, Bergen, Norway, October 2005

Symposium speaker Janssen-Cilag Symposium, NTNU, Trondheim, Nov 2005

Colloquium Dept Neuropsychology, University of Zürich, Switzerland, December 2005

Symposium speaker Neuroimaging Status Praesens Meeting, University of Oslo, Norway, January 2006

Symposium speaker GE MR Forum/Medical Imaging Meeting, St Görans Hospital, Stockholm, Sweden, April 2006

Keynote speaker European Psychophysiology Society Conference, Budapest, June 2006

Keynote speaker Cognitive Science Conference, St Petersburg, Russia, June 2006

Keynote speaker Swedish Neuropsychological Society, Lund/Uppsala/Umeå/Göteborg, Sweden, Sept 2006

Keynote speaker Western Norway Regional Health Authority Conference, Bergen, Norway, Oct 2006

Symposium speaker 2nd Lundbeck Seminar on Cognition in Schizophrenia, Munich, Germany, Nov 2006

Keynote speaker First National Conference on Imaging in Neuroscience, University of Tromsø, Norway, 2007

Keynote speaker Nordic University Hospital Research Conference, Bergen, Norway 2007

Symposium speaker fMRI in Cognitive Science Meeting, Aalborg, Denmark, 2007

Symposium speaker University of Oslo Meeting on Psychosis, Oslo, Norway 2007

Symposium speaker European Cognitive Science Conference, Delphi, Greece, 2007

Keynote speaker XVII TENNET Conference, Montreal, Canada, June 2007

Symposium speaker Xth European Congress of Psychology, Praha, Czech Republic, July, 2007

Keynote speaker Nordic Neuropsychology Conference, Göteborg, Sweden, August 2007

Colloquium Department of Psychiatry, University of Tromsø, Norway, Sept 2007

Symposium speaker 3rd Lundbeck Symposium on Cognition and Schizophrenia, Zürich, Switzerland, Dec 2007

Keynote speaker First Nordic Conference on Clinical Linguistics, University of Joensuu, Finland, February 2008

Keynote speaker Second Workshop on Brain Biophysics, Dokuz Eylül University, Izmir, Turkey, Febr 2008

Keynote speaker Brain Talk: Discourse with and in the Brain Conference. Lund University, Sweden, June 2008

Keynote speaker Conference Forum for Norsk Nevropsykiatri, Oslo, November 2008

Keynote speaker Conference Jubileumsseminar, NordNorsk Psykiatrisk Forskningscenter, Tromsø, November 2008

Keynote speaker Psychology Program Opening Symposium, MidSweden University, Östersund, Sweden, Sept 2008

Keynote speaker Psykisk Helse - 10 år med opptrappingsplanen, Trondheim, Norway, Jan 2009

Keynote speaker Psykiatriveka - Årsmøte Nors Psykiatrisk Forening, Bergen, Norway, March 2009

Keynote speaker Opening Conference Bioimaging Research Center, University of Warsaw, Poland, March 2009

Keynote speaker Young Linguists' Meeting in Poznań (YLMP), Poznan Univeristy, Poland, Mai 2009

Symposium speaker 11th European Congress of Psychology, Oslo, Norway, July 2009

Colloquium neuroimaging Center, University of Georgia, Atlanta, USA, Oct 2009

Colloquium, LONI Brain Imaging Center, UCLA, Los Angeles, USA Oct 2009

Keynote speaker Annual Schizophrenia Days ("Schizofrenidagene"), Stavanger Norway, Nov 2009

Keynote speaker European Society for Cognitive and Affective Neuroscience (ESCAN), Meeting, Amsterdam, Dec 2009

Keynote speaker MedViz Annual Conference, Bergen, Jan 2010

Colloquium Norges Handelshøyskole (NHH), Bergen, January 2010

Keynote speaker "Forskningen dag", Department fo Psychiatry, University of Bergen, Febr, 2010

Symposium speaker Nobel Symposium, The Enlighthed Brain, Karolinska Institutet, Stockholm, June 2010

Keynote speaker 13<sup>th</sup> Meeting of the International Clinical Phonetics and Linguistics Association, Oslo, June 2010

Colloquium Max-Planck Institute for Human Development, Berlin, June 2010

Keynote speaker Conference on Learning and the Brain, NTNU University Trondheim, Sept 2010

Keynote speaker 1st North Sea Meeting on Brain Asymmetry, Durham University, UK, Sept 2010

Keynote speaker DAAD Autumn School, Hanse-Wissenschaftkolleg, Delemlhorst, Germany, Sept 2010

Keynote speaker Nansen Neuroscience Lectures, Norwegian Academy of Science and Letters, Oslo, Oct 2010

Symposium speaker "Connecting and Disconnecting the Brain", NTNU Trodheim, Norway, Oct 2010

Symposium speaker "Brain Biophysics Webinar Series" Dokuz Eylul University, Izmir, Turkey, Oct 2010

Keynote speaker Psykisk Helse Konferansen, Trondheim, Jan 2011

Symposium speaker BBB Symposiums, University of Bergen, March, 2011

Symposium speaker ESF/ENSN Workshop on Neuroscience and Society, Bergen, March 2011

Keynote speaker Nordic University Hospital Research Annual Conference, Solstrand, April 2011

Keynote speaker Imaging and Cognition Genetics Conference, Solstrand, June 2011

Keynote speaker Meeting on Hemispheric Asymmetry, Swansea-Gregynog, UK, Sept 2011

Keynote speaker Annual Meeting Amer. Speech, Language, Hearing Assoc, San Diego, Nov 2011

Keynote speaker Helse- og Omsorgskonferansen, Rica Hotel, Stjørdal, Norway, Nov 2011

Keynote Speaker Global Conference on Disorders in Auditory Processing, Hongkong, Jan 2012

Keynote speaker 11. Nasjonale Konferanse i Akuttpsykiatri, Oslo, Norway, Febr 2012

Colloquium speaker Department of Psychology, Uppsala University, Sweden, Febr 2012

Symposium speaker NNL Workshop on fMRI and DTI, Bergen, March 2012

Keynote speaker IBRO/IRUN Neuronos 2012 Conference, Krakow, Poland, April 2012

Symposium speaker, Department of Psychology, University of Budapest, Hungary, April 2012

Keynote speaker, Nobel Forum, Karolinska Institute, Stockholm, May 2012

Keynote speaker Helsinki Univ Summer School in Cogn Neuroscience, Finland, August 2012

Keynote speaker Annual Meeting of the Norwegian Psychological Ass, Oslo, Norway, Aug 2012

Keynote speaker, 3rd Nordic-Baltic Graduate School Network, St.Petersburg, Russia, Sept 2012

Keynote speaker North Sea Third Asymmetry Meeting, Gent, Belgium, Oct 2012

Symposium speaker Nansen Neuroscience Network Meeting, Bergen, Norway Dec 2012

Keynote speaker "Mental Helse Kongressen 2013", Trondheim Jan 2013

Keynote speaker 2nd European Conf on Clinical Neuroimaging, Lille, France, Febr 2013

Keynote speaker Norway-Turkey Scientific Collaboration Meeting in Applied Cognition, Dokuz-Eloul University, Izmir, Turkey, Febr 2013

Symposium speaker "fMRI - an Introduction", University of Tartu, Estonia, May 2013

Symposium speaker EU SSH Horizons Conference, Vilnius, Lithuania, Sept 2013

Colloquium speaker Department of Psychology, Stockholm University, Octr 2013

Symposium speaker, International Symposium at the Aging Research Center, Karolinska Institutet, Stockholm, October 2013

Symposium speaker at Sex, Gender, and the Brain Symposium, Senter for kvinne- og kjønnsforskning (SKOK), University of Bergen, October 2013

Symposium speaker ERC seminar Dept Mathematics, University of Bergen, Nov 2013

Lecture speaker Senioruniversity, Bergen, Nov 2013

Symposium speaker Odd-Fellow Logen, Bergen, March 2014

Keynote speaker The 2014 CAPD Global Conference, Orlando, FL, USA, March 2014

Colloquium speaker Dept Commun Science, Disorders, Univ Pittsburgh, PA, USA, March 2014

Keynote speaker First University of Bergen Alumni Meeting, May 2014

Symposium Speaker Nansen Neuroscience Network Meeting, Oslo, June 2014

Keynote speaker Nordic Network Conference Sounds, Music, and the Brain, Helsinki, June 2014

Keynote speaker 16th Internat Conference on Philosophy, Psychology, Psychiatry, Varna, Bulgaria, June 2014 (participation cancelled due to illness)

Keynote speaker Annual Meeting International Hallucinations Consortium, Trondheim, Sept 2014

Keynote speaker at the 3rd International Conference on Forensic Psychiatry, Bergen, Sept 2014

Symposium speaker at NITO Bergen seminar on New frontiers in brain research", Oct 2014

Symposium speaker at Norweigan Technical Academy and Nansen Science Society, Oct 2014

Colloquium speaker, CFIN, University of Århus, Denmark, Jan 2015

Keynote speaker Faglig Forum Mental Helse, Trondheim, Jan 2015

Keynote Speaker NFR Mental Helse Konferansen, Tromsø, Norway, Febr 2015

Symposium speaker IMTEC Symposium on «How the brain learns», Bergen March 2015

Symposium speaker, University of Utrecht Medical Center, Netherlands, April, 2015

Keynote speaker, International Symposium on Auditory hallucinations, University of Bergen, Norway, May 2015

Symposium speaker, fMRI symposium, Plovdiv University, Plovdiv, Bulgaria, Sept 2015

Symposium speaker 5th European Conference on Schizophr Research, Berlin, Germany, Sept 2015

Keynote speaker 25<sup>th</sup> Anniv Conference Bechtereva Inst Human Brain, St Petersburg, Russia, Sept 2015

Keynote speaker "Hjerneåret Lecture", Molde, Norway, September 2015

Colloquium speaker Norwegian Acadamey of Science, Arts and Letters, Oslo, November 2015

Keynote speaker "Språknett"- Conference, Solstrand, Norway Nov 2015

Colloquium speaker Orkdal DPS, Orkanger, Norway, Nov 2015

Keynote speaker Annual Meeting Swedish Neuropsychological Society, Malmö, Sweden, Nov 2015

Colloquium speaker Department Psychology, University of Bangor, Wales, UK, Dec 2015

Keynote speaker Annl Meeting Norw Psychiatric Association, Trondheim, Norway, March 2016  
 Symposium speaker Norwegian Academy of Science and Letters, Oslo, May 2016  
 Symposium speaker General Assembly Nansen Neuroscience Network (NNN), Oslo, June 2016  
 Keynote speaker 5th North Sea Laterality Conference, Groningen , NL, Sept 2016  
 Keynote speaker 20th Anniversary Meeting Norwegian Neuropsychol Society, Oslo, Sept 2016  
 Keynote speaker Second National Congress of Clinical Psychology, Sofia, Bulgaria, Oct 2016  
 Keynote speaker "Armauer Hansen Forelesingen 2016", Det medisinske selskap, Bergen Oct 2016  
 Keynote speaker 8th Annual Conference on Medical Imaging, Trondheim, Norway, Nov 2016  
 Keynote speaker "HORIZONS LECTURE, Nat Sciences Faculty, University of Bergen, Dec 2016  
 Colloquium speaker Utrecht University Medical Center, Utrecht, Netherlands, Febr 2017  
 Seminar speaker Forskerforbundet Universitetspolitisk Seminar, Solstrand, Norway, April 2017  
 Keynote speaker "Faglig Forum", Nasjonal Konferanse om Schizofreni, Oslo, April, 2017  
 Keynote speaker, "Three lectures on dichotic listening", University of Riga, Latvia, April, 2017  
 Keynote speaker on auditory hallucinations and imaging, ICNP conference, Greece, May 2017  
 Keynote speaker, PET-Center, University of Turku, Finland, August 2017  
 Symposium speaker, International Conference on Schizophrenia Research, Berlin, Sept 2017  
 Colloquium speaker Nansen Neuroscience Network Meeting, Oslo Oct 2017  
 Keynote speaker Conference Nordlandsykehuset Bodø, Norway, Oct 2017  
 Keynote speaker IRSN, Annual Meeting, Åre, Sweden, Oct 2017  
 Keynote speaker Senioruniversitet Bergen, Nov 2017  
 Symposium speaker Norwegian Academy of Science and Letters, Oslo, January 2018  
 Colloquium speaker Alto University, Helsinki Finland Febr 2018  
 Cplloquium speaker Universitätsklinikum-Hamburg, Germany, Febr 2018  
 Keynote speaker 15<sup>th</sup> Anniversary Groningen Neuroimaging Center, Netherlands, Sept 2018  
 Keynote speaker Virginia-Nordic Precision Neuroscience II, Univ Oslo, Norway, Sept 2019  
 Colloquium speaker Research Conference, Division Psychiatry, Fredrikstad Norway, Oct 2018  
 Sympisum speaker NTNU, Trondheim, Norway, Dec 2018  
 Colloquium speaker University of Roehampton, London, Febr 2019  
 Colloquium speaker Senioruniversitetet, Arna, Norway, Febr 2019  
 Colloquium speaker Logopediens dag, Bergen, Norway March 2019  
 Seminar speaker KG Jepsen Center for Neuropsychiatric Disorders, Bergen, March 2019  
 Collqium speaker State University of St Petersburg, June 2019  
 Colloquium speaker Oslo University Hospital, June 2019  
 Colloquium spekaer Association for Hordaland senior psychologists, Bergen, Norway, Aug 2019  
 Keynote speaker Italian Society for Psychoanalytics Annual Conference, Bologna, Italy, Sept 2019  
 Keynote speaker Norwegian University of Technology (NTNU), Trondheim, Nov 2019  
 Keynote speaker Annual Research Meeting Norwegian Dermatology Assoication, Jan 2020  
 Seminar speaker Computational Biology Unit, UiB, Bergen, Set 2020  
 Seminar speaker Salong Litteraturhuset, Bergen, Sept 2020  
 Seminar speaker Norwegian Acadamey of Science and Letters, Oct, 2020  
 Keynote speaker, Webinar 75<sup>th</sup> Anniversart Plovdiv Medical University, Plovdiv, Bulgaria, Oct 20  
 Seminar speaker, Department of Biomedicine, University of Bergen, may 2021  
 Seminar speaker Faculty of Medicine, Univ. Bergen, June 2021.  
 Keynote speaker International Consortium for Hallucinations Research (ICHR), University  
 Medical Center, Groningen, Netherlands, Sept 2021  
 Seminar speaker EPINOR Summer School, University of Bergen, Oct 2021  
 Keynote speaker 20<sup>th</sup> Anniversary NordicNeuroLab, Inc., Bergen, Oct 2021  
 Seminar speaker, CCBIO Seminar, University of Bergen, April 2022  
 Colloquium speaker University of Tromsø, Dept. Psychology, May 2022  
 Seminar Speaker DIMENSIONS Seminar, University of Bergen, Faculty of Law, May 2022  
 Keynote speaker 20<sup>th</sup> Aniversary Umeå University Functional Brain Imaging Center, June 2022  
 Keynote speaker North Sea Laterality Meeting, Bergen, Norway, Aug 2022

Colloquium speaker History of fMRI in Norway, Dept Radiology, Haukeland University Hospital, Bergen, Norway, Nov 2022

Seminar speaker Young Research Leaders Seminar, University of Bergen, Solstrand, Nov 2022

***Pending talks:***

Seminar speaker Dept. Child psychiatry, University of Oslo, Dec 2022