

CURRICULUM VITAE

Full name and date

- Salmelin, Riitta Helena
- Female
- ORCID 0000-0003-2499-193X
- Dec 11, 2021

Date and place of birth, nationality

- Born July 25, 1961, in Tampere, Finland
- Finnish

Education and degrees awarded

1995	Docent (Applied Physics), Helsinki University of Technology (TKK)
1989	D.Sc. in Technology (Low Temperature Physics), TKK
1985	M.Sc. in Technology, TKK

Linguistic skills

Finnish (mother tongue), English (fluent), Swedish, French, German

Current position

- Tenured Full Professor of Imaging Neuroscience, Aalto University (AALTO) (2012–pres)
- Leader of the Imaging Language research group (1996–pres)
- Coordinator, Finnish Infrastructures for Functional Imaging (FIFI) (2013–pres)
- Vice-director, Euro-BioImaging (EuBI) Finland research infrastructure (2014–pres)

Most important previous research positions

2006–2016	Academy Professor, Academy of Finland (2 terms)
2002–2011	Professor, honorary title, TKK
2001–2011	Chief Research Scientist, TKK
2000–2001	Senior Research Scientist, TKK
1995–2000	Senior Research Scientist, Academy of Finland
1991–1995	Senior Research Scientist, TKK
1990–1991	Research Fellow, Commissariat d'Energie Atomique, France
1985–1990	Research Scientist, TKK

Research funding

2021–2025	EU Horizon 2020, project funding, co-PI 540 kEUR
2018–2022	Academy of Finland, project funding, PI 450 kEUR
2015–2019	Academy of Finland, pHEALTH programme, PI 300 kEUR
2003–2022	Sigrid Jusélius Foundation, PI 1090 kEUR
2014–2015	Academy of Finland, FIRI 2013 Infrastructure funding, PI 180 kEUR
2012–2016	Academy of Finland, Academy Professorship funding, PI 1950 kEUR
2012–2016	Academy of Finland, LASTU programme, PI 590 kEUR
2010–2014	Strategic Centre for Science, Technology and Innovation SalWe, PI 400 kEUR
2006–2011	Academy of Finland, Academy Professorship funding, PI 800 kEUR
2006–2011	Academy of Finland, Centre of Excellence programme, vice-director 3000 kEUR (PI: Prof. Riitta Hari, TKK)
2006–2009	Academy of Finland, Neuro2005 programme, PI 180 kEUR

2003–2007	James S. McDonnell Foundation 21st Century Research Award, PI 450 kUSD
2003–2005	Academy of Finland, Life as Learning programme, PI 150 kEUR
2000–2005	Academy of Finland, Center of Excellence programme, partner 2000 kEUR (PI: Prof. Riitta Hari, TKK)
2000–2003	EU FP5, partner 180 kEUR (PI: Prof. Cornelius Weiller, University of Hamburg, Germany)
2000–2003	Academy of Finland, Life2000 programme, PI 140 kEUR
1997–2000	Human Frontier Science Program, PI 380 kUSD
1995–2000	Academy of Finland, Research Fellow funding, PI 50 kEUR

Supervision, teaching

- Supervision of 18 doctoral dissertations (5 in preparation; 11 females, 7 males): Karin Portin (physics, 1998), Päivi Helenius (psychology, 1999), Antti Tarkiainen (physics, 2003), Tiina Parviainen (psychology, 2007), Jan Kujala (physics, 2008), Mia Liljeström (physics, 2010), Johanna Vartiainen (physics/medicine, 2010), Annika Hultén (psychology, 2011), Hannu Laaksonen (physics, 2012), Anni Nora (psychology, 2017); Anna Maria Alexandrou (biomechanics, 2018), Timo Saarinen (psychology, 2018), Tero Hakala (physics, 2020), Heidi Ala-Salomäki (psychology), Sasu Mäkelä (physics), Silvia Cotroneo (physics), Gayane Ghazaryan (cognitive science), Joonas Haakana (physics); mentoring of 4 PhD students abroad (Europe, USA)
- Supervision of 18 Master's degrees
- Supervision of 21 postdoctoral scientists (physics 4, psychology 9, neuroscience 1, medicine 2, computational science 5; Australia 1, Finland 12, France 1, Germany 1, Italy 1, South Korea 1, Netherlands 2, Pakistan 1, United Kingdom 1)
- Member of Steering Committee and Selection Committee of the Master's Degree Programme Brain & Mind, Aalto University (2012–2017)
- Member of the Executive Committee of the Doctoral Programme Network Brain & Mind, Aalto University/University of Helsinki (formerly Finnish Graduate School of Neuroscience)
- Organizer of the MEG/EEG Course at the Annual Meeting of the Organization for Human Brain Mapping (2005–2008)

Awards, prizes, honours

2016	Knight, First Class, of the Order of the White Rose of Finland
2016	Curt von Euler Honorary Award and Lecture
2015	Justine and Yves Sergent Award
2011	Fellow of the International Society for Functional Source Imaging
2009	Member of the Finnish Academy of Science and Letters (by election only)
2003	Philips Nordic Prize for Research on Neurodevelopmental Disorders
2002	Member of Academia Europaea (by election only)
2000	Wiley Young Investigator Award, Organization for Human Brain Mapping

Other academic merits

Member of international peer evaluation committees

2018	Medical Research Council (MRC) Neurosciences and Mental Health Board, Scientific Review of the MRC Cognition and Brain Sciences Unit, UK
2015	Einstein Center for Neurosciences, Einstein Foundation Berlin, Germany
2012	European Research Council Synergy Grant, Belgium
2010	Quinquennial Review of the Wellcome Trust Centre for Neuroimaging, UK
2008	European Research Council Advanced Grant, Belgium
2005–2008	Wellcome Trust Neuroscience and Mental Health Funding Committee, UK

- 2005 Joint Medical Research Council & Wellcome Trust Review Panel of the Cambridge Behavioural and Clinical Neuroscience Centre, UK
- 2003 Research School of Behavioural and Cognitive Neuroscience, University of Groningen, The Netherlands
- Member of international advisory or expert groups
- 2018 External expert, EU H2020 MSCA-RISE-2016 (Czech Republic)
- 2017–pres External Advisory Board, Wellcome Centre for Integrative Neuroscience (UK)
- 2010–2015 External Advisory Panel, Human Connectome Project consortium (NIH/Washington University & University of Minnesota), USA
- 2010–2013 Scientific Advisory Board, Oxford Centre for Human Brain Activity (OHBA), UK
- Ad-hoc evaluator of research proposals
- Academy of Finland, Human Frontier Science Program, Medical Research Council (UK), National Science Foundation (USA), Netherlands Organization for Scientific Research, Wellcome Trust (UK)
- Thesis examiner of PhD candidates
- Univ Helsinki, Finland (2020); Stockholm Univ, Sweden (2017); Univ Maastricht, The Netherlands (2015, 2006); Carnegie Mellon Univ, Pittsburgh, USA (2012); Univ Tampere, Finland (2000)
- Referee in selecting (Assistant, Full, Research) Professor
- Cognitive neuroscience (Director), Max Planck Society, Germany (2013); Neurocognition of Language, University of Potsdam, Germany (2008)
- Referee in promotion of Professor
- Psycholinguistics, Norwegian University of Science and Technology, Norway (2017); Neuroscience, University College London, UK (2013); Neurology, University of California, Irvine, USA (2010, 2012); Psychology, New York University, USA (2009)
- Positions of trust in scientific societies, conference organization
- 2019–2021 Member, Organizing Committee, 1st ENRIO Congress on Research Integrity Practice, Finland
- 2018–2022 Member, Scientific Committee, 22nd International Conference on Biomagnetism (Biomag2020→2022), UK
- 2017–2019 Chair, Local Organizing Committee, 11th Annual Society for the Neurobiology of Language Conference (SNL 2019), Finland
- 2017–2018 Member, Scientific Programme Committee, 21st International Conference on Biomagnetism (Biomag2018), USA
- 2014–pres Member, Academia Europaea, Medicine and Physiology Section Committee
- 2010–2011 Member, Scientific Committee, 11th International Conference on Cognitive Neuroscience ICON XI, Spain
- 2010 Member, INCF Oversight Committee on Metadata Standards
- 2009–2010 Member, Organizing Committee, Neurobiology of Language conference, USA
- 2006–2008 Education Chair, Programme Committee, Organization for Human Brain Mapping conference series
- 2005 Chair, The Science of Aphasia VI Conference, Finland
- 2004 Member, Organizing Committee, Academia Europaea, 16th Annual Conference, Finland
- 2004 Member, Organizing Committee, NorFA symposium: Time-sensitive neuroimaging of language function, Finland
- 2001–2011 Member, Organizing Committee, The Science of Aphasia conference series
- 2001 Member, Organizing Committee, Optimising fMRI experiments, Finland
- 2000, 2005, 2006 Member, Scientific Committee, International Society for Brain Electromagnetic Topography (ISBET) conference series

- 2000 Member, Organizing Committee, Neuroscience Finland
 1998 Member, Organizing Committee, Finnish-Japanese Brain Research Symposium, Finland
 1984 Secretary, 10th International Cryogenic Engineering Conference ICEC10, Finland

Editor

- 2012–pres Associate Editor, Frontiers in Brain Imaging Methods, Frontiers, Lausanne
 2003–2019 Associate Editor, Human Brain Mapping, Wiley, New York

Member of editorial board

- 2020–pres Neurobiology of Language, MIT Press
 2014–pres PeerJ
 2014–pres Language, Cognition and Neuroscience, Taylor & Francis, Hove
 2008–pres Brain Topography, Springer, New York
 2002–2007 Neuroimage, Elsevier, Amsterdam

Editor of books and journal special issues: 2

- “MEG. An Introduction to Methods”, Oxford University Press (2010)
- Human Brain Mapping Special Issue on Electromagnetic Brain Imaging (2009)

Referee

Multiple journals in the fields of neuroimaging and cognitive neuroscience, incl. Brain, Journal of Cognitive Neuroscience, Journal of Neuroscience, Neuroimage, Neuron, PLoS Biology, Proceedings of the National Academy of Sciences, Science

Invited talks at international conferences: >100

Plenary talks, e.g., Annual Meeting of the Organization for Human Brain Mapping; Annual Meeting of the Academy of Aphasia; International Joint Conference on Neural Networks

Invited talks at international universities and research institutes: 26Scientific and academic administrative responsibilities

- 2020–pres Member, Steering Board, Finnish Biomedical Imaging node (FiBI) of Euro-BioImaging
 2014–pres Member, NEUROIMAGING Infrastructure Steering Group
 2014–pres Member, Aalto University Research Ethics Committee
 2013–pres Chair, Coordinating Group, Finnish Infrastructures for Functional Imaging (FIFI)
 2013–pres Vice-director, Euro-BioImaging (EuBI) Finland initiative
 2011–pres Member, Tenure Track Committee, School of Science, Aalto University
 2010–2014 Member, Steering Group of the BRAHE consortium (Brain Research at Aalto and Helsinki Universities)

Scientific and societal impact of research

Total number of papers in refereed journals (1986-2021): 147
 Total number of chapters in edited books (1989-2021): 15
 Citations (1986-2021) Google Scholar [Dec 2021]: 17268
 H-index (1986-2021) Google Scholar [Dec 2021]: 65

<http://scholar.google.fi/citations?hl=fi&user=aqfwwFYAAAAJ>

Positions of trust in society and other societal merits

- 2018–pres Member (Chair 2021), Nordic Committee on Bioethics
 2017–2019 Member, Future Competences Panel, Finnish Ministry of Education and Culture
 2016–pres Member, Finnish National Board on Research Integrity (TENK)
 2013–2014 Member, European Commission, President’s Science and Technology Advisory Council (PSTAC)