Curriculum vitae

Lahti, <u>Leo</u> M. (born 2nd July, 1979 in Turku, Finland; Finnish national)
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Education
9/2015 Title of Docent (Applied Mathematics), University of Turku, Finland.
12/2010 Doctor of Science in Technology (Bioinformatics), Aalto University, Finland.
12/2003 Master of Science in Technology (Engineering Mathematics), Helsinki Univ. Technology, Finland.
7/2008 Bachelor of Science in Political Sciences (Practical Philosophy), University of Helsinki, Finland.

Current positions
<u>8/2019- Associate Professor. University of Turku. Department of Future Technologies</u>
8/2019- Director, Turku Center for Computational Humanities
6/2019- Turku City Data Oy Board member and scientific advisor (from founding date).
4/2017- Scientific advisor, Machine Learning & AI. Blueprint Genetics Co. Finland.

Previous positions and international experience
9/2016-7/2019 Group leader & Academy Research Fellow. University of Turku. Mathematics and Statistics.
12/2015-8/2018 Visiting scholar. VIB/KU Leuven, Belgium.
9/2012-8/2015 Academy of Finland Postdoc. Wageningen University (The Netherlands).
3/2011-12/2011 Postdoc, Uni. Helsinki/FiDiPro & Microbial Food Safety Center of Excellence.
11/2010-1/2011 Visiting scholar. European Bioinformatics Institute EBI, UK.
1/2006-2/2011 Doctoral candidate. Information and Computer science, Aalto Uni., Finland.   & Adaptive Informatics Center of Excellence, Helsinki Institute for Information Technology HIIT.
9-12/2005 Researcher. University of Helsinki, Finland. Dpt. Computer Science
9/2004-8/2005 Researcher. Turku Center for Biotechnology, Finland (Civil service)
1/2003-6/2004 Research assistant. Helsinki / TKK; Neural Networks Center of Excellence.
7/2002 Summer trainee. Croatian Meteorological Institute, Zagreb, Croatia.
6/2001-8/2001 Research trainee. CERN, Geneva, Switzerland.
9-10/2000 Volunteering teacher. Dakshinayan, Bihar, India.

Fellowships and awards in the last 5 years *Major awards:*<u>Academy of Finland Research Fellow</u> (1.14Me; 9/2016-8/2021); <u>SPARC grant</u>, government of India (2019-2021; 60 000e; co-PI); <u>2017 Open Science award by Ministry of Education and Culture</u> for Open Knowledge Finland Open Science work group, where I am founding member and the first coordinator. <u>Work group member in grants worth ~1Me since 2016</u>.

Supervision of graduate students and research fellows PI in University of Turku. Primary supervisor for 3 PhD students; co-supervisor for 2 postdocs and 4 PhD students. Graduated (co-instructor): 2 PhD students (both with distinction).

Community service
2022 European Conference on Computational Biology (ECCB). Organizing committee.
2019-2022 Finnish coordinator for COST Action on Machine learning in human microbiome research.
2019 2 x PhD thesis opponent (Karolinska, Sweden & Wageningen, The Netherlands)
2019- Finnish Coordinator and Management Committee member for the COST Network CA18131. Statistical and machine learning techniques in human microbiome studies.
2019- DARIAH-EU Bibliographic Data work group member.
2018- Editor. ArXiv moderator (applied stats 2019-); Frontiers in Microbiol. 2019; Versus Journal 2018-
12/2016 (Int'l) Conference Philosophy and History of Open Science. Organizing committee.
3/2018 Digital Humanities in the Nordics. Program committee (Open Science chair).
9/2018 European Conference Machine Learning & Knowledge Discovery. Program committee.
9/2017 European Conference Machine Learning & Knowledge Discovery. Program committee.
2013-15 Founder & coordinator. Open Knowledge Finland ry. Open Science Work Group. Finland.
2009-10 Board member, PR & vice president. Society for Bioinformatics. Finland.

Bibliographic information 63 peer-reviewed publications; h-index 20; 2000+ citations; 150+ co-authors; 100+ academic presentations and workshops in 15+ countries. Developer of 10+ mature open research software projects (bioinformatics, machine learning, open data) with ~100k annual downloads.