

## CURRICULUM VITAE

PEKKA JOHANNES KOSKELA

Birth date. N

Education. M.Sc. 1984, Ph.D. 1990, University of Jyväskylä, Finland

Current employment. Professor

Academic Career and Awards.

University of Jyväskylä, Instructor, 1985-86  
University of Minnesota, Teaching Assistant, 1986-89  
Institut Mittag-Leffler, Sweden, Fellow, 1989-90  
University of Jyväskylä, Assistant, 1990-92  
University of Michigan, Assistant Professor, 1992-95  
NSF grant DMS-9305742, Rackham faculty fellowship  
Academy of Finland, Fellow, 1994-1995  
Universidad Autonoma de Madrid, Visiting Professor, November 1995  
University of Jyväskylä, Associate Professor, 1995-98  
Oberwolfach, Research In Pairs grant, 1996

Typeset by  $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{T}\mathcal{E}\mathcal{X}$

Universite Cergy-Pontoise, Visiting Professor, May 1998  
 University of Jyväskylä, Professor, 1999–  
 Centre de Recerce Matematica (Barcelona), Visiting Professor, January–May 1999  
 University of Jyväskylä, Chairman of the Mathematics department, 1999–2001  
 Invited talk at the 3ECM, Barcelona, 2000  
 University of Jyväskylä, Chairman of the dept. of Mathematics and Statistics, 2001–2005  
 University of Michigan, Fred and Lois Gehring Visiting Professor, 2001–2002  
 Väisälä prize, 2001  
 Vice Director of the Geometric Analysis and Mathematical Physics Centre of  
 Excellence, 2003–2007  
 Finnish Academy of Science and Letters, member, 2004–  
 Chairman of the instruction subcomission (ICMI) of the National Committee  
 of Mathematics, 2005–2012  
 University of Jyväskylä, Vice Dean, Faculty of Mathematics and Science, 2005–2008  
 University of Jyväskylä, Chairman of the dept. of Mathematics and Statistics, 2008–2009  
 Invited address at the American Mathematical Society 2008 Fall Eastern Section meeting  
 Invited talk in the analysis session of ICM 2010, Hyderabad  
 Appointed to an Academy Professorship of the Academy of Finland  
 for the period 1.1.2010–31.12.2014  
 Magnus Ehrnrooth prize, 2012  
 Vice Director of the Analysis and Dynamics Research Centre of Excellence, 2014–2019  
 Member of the board of the University of Jyväskylä 2018–2021

#### **Other Academic Activities.**

Acta Mathematica, Editor, 2007–2014  
 Conformal Geometry and Dynamics, Editor, 2009–, Managing Editor, 2013–  
 Journal of Mathematical Analysis and Applications, Associate Editor, 2005–  
 Tbilisi Mathematics Journal, Associate Editor, 2007–  
 Abstract and Applied Analysis, Editor, 2011–2017  
 Annales Academiae Scientiarum Fennicae Mathematica, Editor, 2014–  
 Bollettino dell'Unione Matematica Italiana, Editor, 2014–  
 Computational Methods and Function Theory, Editor, 2014–  
 Mathematica Scandinavica, Editor, 1997–2007.  
 ICM 2014 core member of the Analysis and its Applications (Section 8) Sectional  
 Panel.  
 NSF panel member, 2002,2012.  
 Academy of Finland panel member, 2003.  
 Science Foundation Ireland, panel member, 2009.

Member of the Mathematics panel of the International Research Assessment of KTH, Sweden, 2008.

Chair of the Mathematics and Statistics panel of the International Research Assessment of Chalmers, Sweden, 2018.

Chair of the Mathematics and Statistics panel of RED19, the International Research Evaluation of the University of Gothenburg, Sweden, 2019.

Outside expert for several appointments and grant proposal reviewer (Australia, Chile, Czech Republic, Finland, Germany, Greece, India, Ireland, Israel, Italy, Norway, Singapore, Spain, Switzerland, USA)

Expert for the Göran Gustafsson Prize of the Royal Swedish Academy of Sciences, 2012, 2013, 2014.

Expert for the Wallenberg foundation of the Royal Swedish Academy of Sciences 2015, 2018.

Expert for the Australian Mathematical Society Medal, 2012.

A number of committee memberships in mathematics and science. The most recent ones:

Chairman of the Finnish Publication Forum Panel 1: Mathematics and Statistics 2012–2017

EMS Council 2016–2019

Member of the Scientific Committee of (last ten years):

Geometric analysis and its applications, Bern, 2008.

Quasiconformal mappings and analysis on metric spaces, Ann Arbor, 2008.

Conformal methods in analysis, geometry and dynamics, Seillac, 2010.

ERC Workshop on Geometric Analysis on sub-Riemannian and Metric Spaces, Centro di Ricerca Matematica Ennio De Giorgi, 2011.

XXII Rolf Nevanlinna colloquium, Helsinki, 2013.

Interactions Between Analysis and Geometry, IPAM, UCLA, 2013.

ICM 2014, Analysis and its Applications session.

Barcelona Mathematical Days, 2014.

XXIII Rolf Nevanlinna colloquium, Zürich, 2017.

Several invited talks at conferences and at Mathematics Departments in various countries.

Referee for 101 different journals, including the leading journals *Acta Math.*, *Annals of Math.*, *Invent. Math.* and *J. Amer. Math. Soc.* and further *Ann. Probab.*, *Arch. Ration. Mech. Anal.*, *Comm. Pure Appl. Math.*, *Duke Math. J.*, *Geom. Funct. Anal.*, *J. Diff. Geom.*

### Scientific impact.

21 supervised PhD-degrees in Mathematics, starting from 2000.

174 publications (MathSciNet) with over 4300 citations (by over 1200 different authors), including the second most cited publication published in 2000, in all of Mathematics, and the eighth most cited publication published in 1998. One of the authors of “Quasiconformal mappings in metric spaces with controlled geometry,” the most cited publication up to now under classification 30 (Functions of a Complex Variable), and of “Sobolev met Poincaré,” the 14th most cited publication up to now under classification 46 (Functional Analysis).

Coauthor of two monographs: "Lectures on mappings of finite distortion" in Lecture Notes in Mathematics, 2014, and "Sobolev spaces on metric spaces: An approach based on upper gradients," Cambridge University Press, 2015.

More than 70 coauthors.

Publication forums include: Acta Mathematica, Archive for Rational Mechanics and Analysis, Advances in Mathematics, Communications on Pure and Applied Mathematics, Duke Mathematical Journal, Geometric and Functional Analysis, Inventiones Mathematicae, Journal of the European Mathematical Society.

29.6.2019

