

Birthdate 12.12.1962. Married. Three children. Dual nationality German & British.

**Education and Degrees**

1982 Abitur, Gymnasium Georgianum Vreden, Germany  
1985 B.A. Computer Science B.A. Mathematics, Brandeis University (Wien International Scholar)  
1990 Ph.D., Stanford University (Sloane Fellow)  
1996 Habilitation, Universität Bonn (DFG Fellow)

**Employment**

1990-1992: JRF and SERC Research Assistant, Clare Hall and Cambridge University  
1992-2010: Tutor at Merton College and Lecturer at Oxford University  
Since 2010: Professor of Mathematics (RSIV), Oxford University  
2012-2014: Subwarden (vice president), Merton College

**Research Interests**

Algebraic topology and its applications: TQFT, moduli and configuration spaces, K-theory, TDA

**Distinctions and honours**

Wien International Scholar, Brandeis 1982-85  
Sloan Fellow, Stanford 1989-1990  
EPSRC Advanced Fellowship 1997-2003  
EPSRC Newline Magazine 2005: one of 15 EPSRC-funded scientists and only mathematician featured for their research contributions during 1995-2005.  
International Congress of Mathematicians, invited lecturer, Beijing 2002  
Whitehead Prize, London Mathematical Society 2004  
Bessel Research Prize, Humboldt Stiftung 2008  
Fellow of the Royal Society, FRS 2008  
Fellow of the American Mathematical Society, inaugural 2013  
Fellow of the Institute of Mathematics, FIMA 2015

**Named Lectures**

ADVANCE Lecturer, Washington University 2005  
Mary Cartwright Lecturer, London Mathematical Society 2006  
Chaire de la Vallée-Poussin, lecture series, UCL Louvain, 2006-2007  
Emmy Noether Lecturer, Deutsche Mathematiker Vereinigung 2009  
Ladyzhenskaya Vorlesung, Leipzig 2011  
AMS Current Events Lecturer, New Orleans 2011  
Distinguished Colloquium, PIMS/UBS Vancouver 2013  
Hirzebruch Lecture, Münster 2015  
CLAM Lecture Series, Latinamerican Congress of Mathematicians 2016  
Tondeur Lectures, UCIU 2017

## Editorials Boards

Oxford Quarterly Journal of Mathematics, since 2000  
Algebraic and Geometric Topology, since its foundation in 2000  
Topology, 2002–2006  
London Mathematical Society Proceedings/Journal/Bulletin, 2004–2007  
Journal of Topology, **founding and managing editor**, since 2007  
Ergebnisse der Mathematik und ihrer Grenzgebiete, Springer, since 2015

## International Scientific Committees

Gutachter, DFG Berichtskolloquium für Graduierten Kolleg, Bonn 2009  
Gutachter, DFG Sonderforschungsbereich, Regensburg, 2013  
Gutachter, DFG Priority Programme, Essen, 2014  
Scientific Advisory Board, Courant Research Center Göttingen, (Vice-Chair) since 2007  
EMS/EWM Scientific Committee, (Chair) 2008 - 2012  
International Review Committee of Mathematics in Norway (Chair), 2011  
comprehensive review of mathematics in Norwegian universities  
including week long hearings and a 100+ page public report  
European Post-Doctoral Institute Committee, IHES, 2012–2016  
Advisory Board (Vice-Chair), Mathematisches Forschungsinstitut Oberwolfach, since 2013  
Moore Research Article Prize Committee, AMS, since 2013  
Scientific Committee, Barcelona Graduate School of Mathematics, since 2015  
International Review Committee, Vienna University, 2015

## National Scientific Committees

Royal Society, International Grants Panel, 2007–2011 (Chair from 2010)  
Royal Society, Section Panel 1, 2008–2011  
Royal Society, Wolfson Merit Award Committee, 2016–2019  
LMS Prizes Committee, 2007–2009, 2015–2018  
LMS Publications Committee, 2007–2012  
LMS Council, 2008–2014  
LMS Research Meetings Committee (Chair), 2011–2014  
External Reviewer, Department of Mathematics, Bristol 2010  
EPSRC Landscape Document, co-author for Geometry and Topology, 2010, 2015  
Programme Committee, International Centre for Mathematical Sciences, Edinburgh, since 2005  
Management Committee, Isaac Newton Institute, Cambridge, since 2015  
Programme Committee (Chair), Alan Turing Institute, since 2016

## Research Students

Paul Higgins, Tilman Bauer (MRes), Paolo Salvatore, Paul Mitchener, Nathalie Wahl, Chris Douglas (MRes), Cataharian Carvalho, Graham Hope, Jeff Giansiracusa, Elizabeth Hanbury, George Raptis, Oscar Randal-Williams, Martin Palmer, Rozy Juer (MRes), Richard Manthorpe (MRes); *Current*: Hongyun Yon, Simon Gritschacher, Nina Otter, Renee Hoekzema, Tom Zeman.