CURRICULUM VITAE

Nathalie Wahl

Date of birth: October 3rd 1976 in Brussels (Belgium).

Nationality: Belgian. web.math.ku.dk/~wahl

Education

1998 – 2001	PhD in Mathematics from Oxford University (awarded August 10, 2001).
	(Thesis: "Ribbon braid and related operads". Advisor: Prof. U. Tillmann.)
1994 – 1998	Licence in Mathematics from Université Libre de Bruxelles.
	(Dissertation: "Extension au cas infini de la théorie des familles bien
	graduées et des géométries convexes". Advisor: Prof. JP. Doignon.)

Current position

Apr 2010– Professor at the Department of Mathematical Sciences, University of Copenhagen. Apr 2020– Center Leader of the DNRF Copenhagen Center for Geometry and Topology.

Previous positions

Jul 2006–Apr 2010	Associate Professor at the University of Copenhagen, Denmark.
Jan 2005–Jun 2006	L. E. Dickson Instructor at the University of Chicago, USA.
Jan 2003–Dec 2004	Assistant Professor at Aarhus University, Denmark.
Sept 2001–Dec 2002	Visiting Assistant Professor at Northwestern University, USA.

Visiting positions

April 2025	Distinguished Kirk Visiting Fellow, Newton Institute (Cambridge, UK)
July 2018–Dec 2018	Heilbronn Distinguished Visitor, Cambridge University and Newton Institute
Apr 2015–Jun 2015	Guest researcher at Max Planck/Hausdorff Institute (Bonn, Germany).
Jan 2014–May 2014	Research Professor at Mathematical Sciences Research Institute (Berkeley, USA).
Sept 2012–Nov 2012	Visitor at Institut des Hautes Etudes Scientifiques (Bures-sur-Yvette, France).
Apr. 2006–Jun 2006	Visitor at the Mittag-Leffler Institut (Diursholm, Sweden)

Grants

2020 – 2030	Danish National Research Foundation Center of Excellence
	(Center leader for the Center for Geometry and Topology)
2018 – 2023	ERC Consolidator Grant
2009 – 2014	ERC Starting Grant
2006-2009	Steno fellowship of the Danish Natural Science Research Council
2006 (spring)	Mittag-Leffler visiting fellowship
2005-2008	NSF Research Grant DMS-0504932
2003 – 2004	Marie Curie European Fellowship (2 years)
1998-2001	Full graduate scholarship from Wiener-Anspach Foundation

Honors, awards and academy memberships

2025-	Member of the Royal Academy of Science, Letters and Fine Arts of Belgium
2025	Hilton Memorial Lecture (Binghamption, US)
2024-	Member of the European Academy of Sciences
2022	Invited speaker at the International Congress of Mathematicians
2020-	Member of the Royal Danish Academy of Sciences and Letters
2016 – 2022	Member of Danmarks Naturvidenskabelige Akademi
2010	Invited speaker at the International Congress of Women Mathematicians (Hyderabad)
2009 – 2013	Female Research Leader Award of the Danish Council of Independent Research
2008	Young Danish Elite Researcher Prize
2005	Francqui Fellow of the Belgian American Educational Foundation
1998	Diplôme d'honneur et Médaille de l'Université Libre de Bruxelles

Conference talks (recent talks, selected)

[>100 talks at conferences since 2000.]

Topology meeting (Oberwolfach, Germany, July 24),

From Hamiltonian dynamics to symplectic topology and beyond, a celebration of Claude Viterbo and his mathematics (IHP Paris, June 24),

Categories and stacks in algebraic geometry and algebraic topology CATS 7–Toen's 50th birthday (Luminy, France, Oct 23),

Nordic Congress of Mathematicians, Plenary talk (Aalborg, July 23),

Low-dimensional Topology and Quantum Field Theory–Pete's fest (Les Diablerets, Switserland, May 23),

Four decades of Einstein chair seminar (CUNY, New York, USA, Jan 23),

Ib's fest (Copenhagen, Oct 22),

Topology meeting (Oberwolfach, Germany, July 22),

Twinned Conference on Homotopy Theory with Applications to Arithmetic and Geometry (MPI Bonn, Germany, June 22),

Geometric Structures in Groups (Oberwolfach, Germany, Feb/March 22),

Manifolds and K-theory (Ranicki memorial, Edinburgh, UK, June 21),

British Math Colloquium (Glasgow, UK, April 21),

Manifolds and groups (Oberwolfach, Germany, 20),

International workshop on Algebraic Topology 2019 (Shanghai, China, Aug 19),

Mathematics Münster: Dynamics - Geometry - Structure, Opening Colloquium (Münster, Germany, June 19),

Modern Trends in Non-commutative Geometry (Boris Tsygan 60th birthday) (Nortwestern, USA, May 19),

Lecture series (recent)

Homological stability for groups (Lille, June 23).

Topological field theories (Connections for Women, MSRI, USA, 20).

Algebraic and geometric approach to string topology (Geneva, March 19).

LMS-CMI Research School: Algebraic Topology of Manifolds (Oxford, Sept 2017),

Young topologists meeting (Copenhagen, Denmark, July 16),

Women and Math (IAS, USA, May 16),

Teaching

I have taught courses at Northwestern University, the University of Chicago and the University of Copenhagen, ranging from first year courses such as Calculus and Linear Algebra, to advanced courses such as Homotopy Theory or Differential Topology.

PhD Students:

Jonathan Clivio (23-), Marie-Camille Delarue (22-), Rodrigue Haya (22-), Fadi Mezher (22-), Oscar Harr (22-25), Pierre Elis (21-24), Nanna Havn Aamand (19-23), Robin Sokra (18-21), Espen Nielsen (15-18), Manuel Krannich (15-18), Massimiliano Ungheretti (13-16), Daniela Egas (11-14), Angela Klamt (10-13), Tarje Bargheer (08-11).

Organization of scientific meetings (recent)

2025	Mentor, with Alexander Kupers, for Talbot workshop "Homological stability" (USA)
2025	Summer school: Homological aspects of groups and their classifying spaces (Les Diablerets)
2024	International workshop on AI and topology (Holte, Denmark)
2023	Oberwolfach mini-workshop "Flavors of Rabinowitz Floer and Tate Homology",
2022	Floer Homotopy theory (MSRI, USA)
2022	Geometry and Topology, ICM sectional workshop (Copenhagen, Denmark)
2019	Higher structures (CIRM, France)
2018	Mentor, with Alexandru Oancea, for European Talbot "Free loop spaces"
	(Fischbach, Germany).
2010 – 2016	Oberwolfach topology meeting (4 meetings organized)
2006-	Many conferences and workshops in Copenhagen, Denmark.

Institutional responsibilities

2024-	Member of the faculty board.
2018-	Member of the diversity committee, Dept of Mathematics, Univ. of Copenhagen.
2014 – 2018	Member of the department council, Dept of Mathematics, Univ. of Copenhagen.

Commissions of trust

2024 - 2026	Chair of the Chern Medal Committee.
2021-	Editor for Geometry and Topology.
2019 – 2022	Editor for Algebraic and Geometric Topology.
2018 – 2022	Editor of Research in the Mathematical Sciences.
2017-	Member of the Scientific Advisory Board, Max Planck Institute in Bonn (Germany).
	Chair since 2023.
2016-	Editor for the Bulletin of the Belgian Mathematical Society.
2014 – 2019	Editor for Homology, homotopy and applications.

Career breaks (parental leaves for three children born in 2009, 2011 and 2014):

Dec 2008–July 2009, Dec 2010–July 2011, Dec 2014–April 2015 and July 2015–Aug 2015.