

# Curriculum Vitae

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- PERSONAL Born September 25, 1966 at Viborg, Denmark. Married. Danish citizen; Japanese permanent resident. ORCID: 0000-0002-3324-2407.
- EDUCATION Ph.D., Aarhus University, 1994  
M.S., Aarhus University, 1992  
B.S., Aarhus University, 1988
- POSITIONS *Professor*, University of Copenhagen, 2018–present  
*Professor*, Nagoya University, 2008–present  
*Associate Professor (with Tenure)*, Massachusetts Institute of Technology, 2003–2009  
*Associate Professor*, Massachusetts Institute of Technology, 2001–2003  
*Assistant Professor*, Massachusetts Institute of Technology, 1997–2001  
*Visiting Assistant Professor*, Princeton University, 1997–1998  
*C.L.E. Moore Instructor*, Massachusetts Institute of Technology, 1994–1997  
*Postdoctoral Fellow*, Institut Mittag-Leffler, Spring 1994
- SELECTED VISITING POSITIONS *Simons Visiting Professor*, MSRI, February 2019 – March 2019  
*Niels Bohr Professor*, University of Copenhagen, April 2013–March 2018  
*Rothschild Distinguished Visiting Fellow*, Isaac Newton Institute, September 2018  
*Visiting Professor*, Université de Rennes, March 2010  
*Visiting Professor*, Nagoya University, 2006–2008  
*Visiting Professor*, Institut Henri Poincaré, May 2004
- SELECTED INVITED LECTURES *Ellis R. Kolchin Memorial Lecture*, Columbia University, New York, 2019  
*Felix Klein Lectures*, Universität Bonn, Bonn, Germany, 2016  
*Kempf Lectures*, Johns Hopkins University, Baltimore, Maryland, 2007  
*AMS Sectional Meeting*, Montreal, Canada, 2002, Invited Address  
*International Congress of Mathematicians*, Beijing, China, 2002, Invited Speaker
- AWARDS AND HONORS Clay Senior Scholar, 2014 (USD20,000)  
Danish National Research Foundation Niels Bohr Professorship, 2013–2018 (DKK30,000,000)  
Foreign Member of the Royal Danish Academy of Sciences and Letters  
Fellow of the American Mathematical Society Inaugural Class  
Japan Society for the Promotion of Science grant, 2011–2016 (JPY19,850,000)  
National Science Foundation Grant (Co-PI), 1995–1998 (USD476,166), 1998–2003 (USD802,000), 2003–2009 (USD1,375,000)  
Alfred P. Sloan Fellowship, 1998 (USD35,000)

POSTDOCS  
MENTORED

*Ryomei Iwasa*, University of Copenhagen, 2020–present.  
*Markus Land*, University of Copenhagen, 2020–present.  
*Elden Elmanto*, University of Copenhagen, 2018–2019. Benjamin Peirce Fellow, Harvard University.  
*Dustin Clausen*, University of Copenhagen, 2013–2018. Associate Professor, University of Copenhagen.  
*Christopher Davis*, University of Copenhagen, 2013–2014. Lecturer, UC Irvine.

PHD STUDENTS

*Daria Poliakova*, University of Copenhagen, 2021 (expected).  
*Malte Leip*, University of Copenhagen, 2021 (expected).  
*Martin Speirs*, University of Copenhagen, 2018.  
*Ryo Horiuchi*, University of Copenhagen, 2018. Postdoc, Kure KOSEN.  
*Amalie Høgenhaven*, University of Copenhagen, 2017. Software Developer, Edlund.  
*Sho Saito*, Nagoya University, 2014.  
*Chad Musick*, Nagoya University, 2012.  
*Teena Gerhardt*, MIT, 2007. Associate Professor, Michigan State University.  
*Daniel Vera*, MIT, 2006. Senior Associate, Picoco LLC.  
*Viorel Costeanu*, MIT, 2004. Executive Director, J. P. Morgan.

TEACHING  
ACTIVITIES

Courses taught at all levels ranging from introductory linear algebra to advanced topics courses at Massachusetts Institute of Technology, Nagoya University, and University of Copenhagen.

CONFERENCES  
CO-ORGANIZED

*Algebraic K-Theory*, Oberwolfach, Germany, 2019, 2022.  
*Topological Cyclic Homology*, Arbeitsgemeinschaft, Oberwolfach, Germany, 2018.  
*Topological Hochschild Homology and Integral  $p$ -Adic Hodge Theory*, Hanamura, Nagano, Japan, 2017.  
*Moduli and Traces*, University of Copenhagen, Denmark, 2017.  
*Algebra in Geometry*, University of Copenhagen, Denmark, 2016.  
*Witt Vectors in Arithmetic, Geometry, and Topology*, University of New Mexico, Albuquerque, USA, 2012.  
*Witt Vectors, Foliations, and Absolute de Rham Cohomology*, Nagoya University, Japan, 2010.  
*Aarhus Topology 2002*, Aarhus University, Denmark, 2002.

EDITORIAL

*Journal of the American Mathematical Society*, Associate Editor, 2015–2023.  
*Nagoya Mathematical Journal*, Editor 2010–2012, Managing Editor, 2012–present.  
*Selecta Mathematica*, Editor, 2007–present.  
*International Mathematics Research Notices*, Editor, 2016–present.  
*Journal of Topology*, Editor, 2018–2023.  
*Documenta Mathematica*, Editor, 2003–2014.

SERVICE

Core Member of Algebra Panel for speaker selection to International Congress of Mathematicians, Seoul, 2014.  
Board Member, Institut Mittag-Leffler, 2017–present.  
Board Member, Foundation Nagoya Mathematical Journal, 2017–present.