

CURRICULUM VITAE

Name: Helge Holden

Born: September 28, 1956 in Oslo. Norwegian nationality

Position: Professor of mathematics

Address: Department of Mathematical Sciences,
Norwegian University of Science and Technology
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NO-7491 Trondheim, Norway

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Education: Dr. Philos., University of Oslo, 1985.
Cand. real., University of Oslo, 1981 (major: mathematics).

Positions: Professor, Norwegian University of Science and Technology, 1991–
Associate Professor, University of Trondheim, 1986–1990
Research Assistant, University of Oslo, 1982–86

Visiting Positions: Courant Institute of Mathematical Sciences, 1985–86
California Institute of Technology, 1/89–7/89
University of Missouri–Columbia, 1996–97

Membership: Norwegian Academy of Science and Letters
Royal Norwegian Society of Sciences and Letters
Norwegian Academy of Technological Sciences
European Academy of Sciences
Norwegian, European, and American Mathematical Society
International Association of Mathematical Physics
Society for Industrial and Applied Mathematics

Honors: The King of Norway has been informed in the Council of State about the
cand. real. exam 1981
Fulbright Scholarship 1985–86
Lucy B. Moses “Thanks to Scandinavia” Scholarship 1985–86
Fellow, American Mathematical Society

Offices: Member of the Board of NTNU, 2009–17,
President of the Royal Norwegian Society of Sciences and Letters, 2014–16,
Chair of The Niels Henrik Abel Board, 2010–14,
Member, Scientific Advisory Board, The Erwin Schrödinger Institute, Vienna, Austria,
2012–14,
Chair of The European Research Council Consolidator Grant panel 2013,
President, European Consortium for Mathematics in Industry, 2004–6,
Vice-president, European Mathematical Society, 2007–10,
Secretary, European Mathematical Society, 2003–6,

Chair, Department of Mathematical Sciences 7/90–12/92,
Chair of several grant award bodies of the Research Council of Norway

Editorial responsibilities: On the editorial board of 8 international journals or book series.

Students: Supervised 19 PhD students, and more than 70 master students.

Talks: More than 90 international lectures since 1990,
Keynote lecture, ECMOR IV conference 1994,
Invited speaker, HYKE-2 Conference, Paris, 2004,
Invited speaker, Fourth European Congress of Mathematics, Stockholm, 2004.

Research interests: Nonlinear partial differential equations, with special emphasis on hyperbolic conservation laws, completely integrable systems, and flow in porous media.

Publications: Published 6 research monographs and 1 textbook. Published more than 100 papers in international journals. Edited 13 books. See [MathSciNet](#) [requires subscription], [zbMATH](#) [requires subscription], or [Google Scholar](#) for a list of publications.

Miscellaneous: Co-organized the special semester “Wave Motion” at the Mittag-Leffler Institute, Sweden, Fall 2005. Co-organizer of a special year on “Nonlinear Partial Differential Equations” at the Centre for Advanced Study, Oslo, 2008–09. Participant in research evaluations at Aalborg University, Uppsala University (chair), Technical University of Denmark, University of Gothenburg.

IMU statement: I am willing to serve as a Secretary of the IMU for the term 2015–18. I am a firm believer in the importance of the IMU in the promotion and fostering of mathematics on a global scale. Having attended the General Assembly of the IMU in 2006 and 2010 as a member of the Norwegian delegation, I have been very impressed by the professionalism of the organization. As the Secretary of the IMU my main responsibility will be to make sure that the IMU runs as efficiently as possible with its limited means. The establishment of the permanent IMU headquarter in Berlin was a major step forward in creating a robust organization that makes the natural transition in officers smoother. I do look forward to work with the Commissions and Committees of the IMU, and support them in their important work. In my capacity as the chair of the Abel Board I had the pleasure to collaborate with the CDC, the Commission for Developing Countries, and I was impressed by their enthusiasm and dedication.

I want to continue the solid work done by my predecessor and the very able staff at the IMU headquarter to develop the IMU further.