

## Curriculum Vitae

Name:

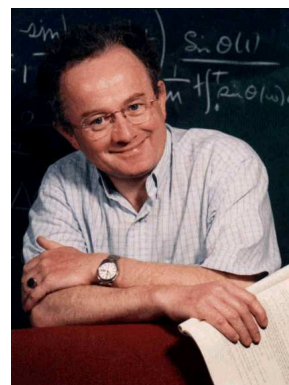
John Francis Toland

Date and Place of Birth:

28 April 1949, Derry, Northern Ireland

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Education:

Queen's University Belfast 1967 - 1970  
BSc Honours First Class(1970) Pure Mathematics  
University of Sussex 1970 - 1973  
MSc (1971) DPhil (1973) Mathematics

Awards:

SERC Senior Research Fellow (1997-2002)  
Fellow of the Royal Society (1999)  
London Mathematical Society Senior Berwick Prize (2000)  
Fellow of the Royal Society of Edinburgh (2003)  
Hon DSc: QUB (2000) Edinburgh (2007) Heriot Watt (2007) Essex (2009)  
Honorary Fellow University College London (2008)  
Royal Society/Wolfson Research Merit Award (2008)

## Appointments

University of Essex 1973 –1979: Lecturer in Mathematics and member of Fluid Mechanics Research Institute.

University College London 1979 –1982: Lecturer in Mathematics.

University of Bath 1982 – : Professor of Mathematics.

Scientific Director, International Centre for Mathematical Sciences, Edinburgh 2002-10 .

Honorary Professor of Mathematics, Edinburgh University.

Honorary Professor of Mathematics, Heriot-Watt University.

## International Visiting Appointments - a month or more

Advanced Studies Centre, Geneva (1973). University of Eindhoven, Netherlands (1976). Ecole Polytechnique Fédérale Lausanne (3<sup>m</sup>e siècle Rommand, April 1978; Visiting Research Fellow, June 1989; Professeur Invité, September 1992; Professeur Invité, Easter 1994; Professeur Invité, Jan/Feb 2000). Université de Dijon (October, 1978). University of Wisconsin, Madison. SRC Senior Visiting Fellow, Mathematics Research Centre, (July - December 1979). University of Chicago. (Visiting Professor, Summers 1983, 1987, 1990). Australian National University. Visiting Fellow (July/August 1984). University of Minnesota. (April 1985). University of New England, Australia (Summer 1991).

Penn State University (July 1992). Université de Pierre et Marie Curie, Paris. (April 1992). Sydney University, Australia. (September 1995, September 1998). Free University Berlin (January 1997). Université Paris Dauphine (June 2000). Université de Nice, Sophia Antipolis, (June 2001, June 2002).

## Personal Research

Rigorous mathematical analysis of Partial differential Equations (PDEs), especially those arising in hydrodynamic wave theory. Many invited talks in the UK, Europe, USA, Australia, Russia, China, Korea and about 100 research papers in international journals. (Those since 1992 are available on the web page above.) Research supported by EPSRC and other grants.

## Editorial Activity

Editorial Board of *London Mathematical Society Periodicals*, 1983 - 1988. Editorial Adviser for John Wiley's *International Series on Pure and Applied Mathematics*.-2000 Editorial Consultant, *Proceedings for the Royal Society of Edinburgh*. Editorial Board, *SIAM Journal of Mathematical Analysis*, 1988 - 1994. Editorial Board of *Nonlinearity* (a joint Institute of Physics and LMS Journal), 1988 - 1993. Editorial Board of *Advances in Differential Equations*, 1995 - 2000. Editorial Board of *Progress in Nonlinear Differential Equations and Applications* (Book Series, Birkhäuser, New York), 1996 - present. Editorial Board of *Dynamics of Continuous, Discrete and Impulsive Dynamical Systems*. 1997 - 2002. Editorial Adviser, Springer Undergraduate Mathematics Series (*SUMS*), 1996 - present. Adviser, London Mathematical Society Monographs. 1998 - 2003. Editorial Board A, Philosophical Transactions of the Royal Society, 2000-2005. Journal of London Mathematical Society, Joint Honorary Editor-in-chief, 2003-8.

## Some Other Professional Activity

SERC Instrumentation Panel, 1988. SERC Earmarked Studentship Panel, 1990. Keck Foundation Assessor, Mathematics Department, Penn State University, 1990 - 1992. Joint Director, SERC Conference on Mathematics of Nonlinear Systems, 1991. SERC/EPSRC Mathematics Committee, 1992 - 1994. SERC Earmarked Studentship Panel, 1993. Isaac Newton Institute Steering Committee, 1993/4, 1996 - 1999, 2008-. SERC Advanced Fellowships in Mathematics Panel, Chairman, 1993/4. EPSRC Mathematics College, 1995 - 2006. Council of London Mathematical Society, 1995 - 1999. HEFCE Research Assessment Exercise (RAE), Pure Mathematics Panel, 1996. Executive Committee, International Committee for the interaction of Mathematics and Mechanics, January 1996 - December 1999. Chairman, *EPSRC* Senior and Advanced Fellowships (Mathematics) Committee, 1998. Leverhulme Trust, Research and Academic Awards Committee (RAAC), 1999-2006. Royal Society NATO Panel, 2002-2005. Trustee Bath Royal Literary and Scientific Institution, 2002-7. President of the London Mathematical Society 2005-7. Vice Chair ERCOM: European Research Centres on Mathematics 2006-10.

## Statement on IMU Activity

The creation of a stable headquarters and, just as important, of an appropriate relationship between the headquarters secretariat and the IMU executive committee will need careful management from the outset. As President of the London Mathematical Society I was involved with such issues following its move to new premises. I am a member of the Board which manages MARM (Mentoring African Research in Mathematics) and have some insight into developing countries issues. (It is supported by the LMS secretariat and funded the UK based charities, the Leverhulme Trust and the Nuffield Foundation.) The LMS is a stronger supported, both financially and morally, of IMU activity.