



PROFESSOR PETER HALL

New directions, new problems and new data types in statistical science

Current Organisation
Administering Organisation
Primary research field
National Research Priority

The University of Melbourne
The University of Melbourne
Statistics
Promoting and Maintaining
Good Health



Professor Peter Hall is an Australian Research Council Federation Fellow and Professor of Statistics in the Department of Mathematics and Statistics at The University of Melbourne. Professor Hall is recognised as making a significant contribution to the field of statistics through his work on nonparametric modelling, probability theory, Bootstrap expansion, Edgeworth expansion, wavelets, ill-posed inverse problems, fractals-based methods and high-dimensional statistical learning.

Professor Hall's research will be based around developing methodology for analysing complex, high dimensional data, with motivations that include elucidating the causes of diseases and providing better security for the community. His research will take statistical science in new directions as he develops new methods to tackle these difficult problems.

Professor Hall completed his DPhil in the field of Probability Theory at the University of Oxford in 1976. He is currently an elected fellow of the Australian Academy of Science, the Royal Society of London, the Royal Society of Edinburgh, the American Statistical Association and the Institute of Mathematical Statistics.

Professor Hall's contribution to Statistics has been recognised by receiving the George Szekeres Medal in 2010, which is awarded by the Australian Mathematical Society for his outstanding contribution to mathematical sciences. He has also received honorary doctorates from the Universite Catholique de Louvain, the University of Glasgow and the University of Sydney.

Professor Hall has undertaken numerous leadership roles including serving as Vice-President of the Australian Academy of Science, President of the Institute of Mathematical Statistics, Chair of the Scientific Advisory Committee of the Australian Mathematical Sciences Institute, as a member of the International Advisory Committee for the Department of Business Statistics and Econometrics at Peking University, as President of the Australian Mathematical Society, as Secretary, Physical Sciences, and on the Advisory Board of the Institute for Applied Mathematics and Computational Science at King Abdullah University of Science and Technology.

Media contacts

For project information, contact Australian Laureate Fellow
Professor Peter Hall — 03 8344 9682 (from 6 August 2011), or halpstat@ms.unimelb.edu.au

For Australian Laureate Fellowships scheme information, contact the ARC
0412 623 056 or Communications@arc.gov.au