

## **Professor Dame Wendy Hall DBE FRS FREng FCGI**

Department of Electronics and Computer Science  
University of Southampton  
Southampton SO17 1BJ

Tel: 02380 592388

Fax: 02380 592865

E-mail: [wh@ecs.soton.ac.uk](mailto:wh@ecs.soton.ac.uk)

### **Present Appointment:**

Regius Professor of Computer Science, University of Southampton  
Associate Vice President (International Engagement), University of Southampton  
Executive Director, Web Science Institute  
Co-chair UK Government AI Review (published October 2017)  
UK AI Skills Champion and member of AI Council  
Chair of the Ada Lovelace Institute

### **Previous Appointments:**

2010-2014 Dean, Faculty of Physical Sciences and Engineering, University of Southampton  
2002-2007 Head of School of Electronics and Computer Science, University of Southampton  
1996-2002 EPSRC Senior Research Fellow  
1994- Professor of Computer Science, Department of Electronics and Computer Science, University of Southampton  
1984-1994 Lecturer, then Senior Lecturer, Department of Electronics and Computer Science, University of Southampton  
1978-1984 Lecturer, then Senior Lecturer in Mathematics and Computing, La Sainte Union College of H.E., Southampton  
1977-1978 Lecturer in Engineering Mathematics, Oxford Polytechnic

### **Qualifications:**

1974 B.Sc. (Hons) Mathematics (First Class) University of Southampton  
1977 Ph.D. Mathematics, University of Southampton  
1986 M.Sc. Computer Science, City University

### **Professional Societies and Qualifications:**

1987 Member of British Computer Society (MBCS)  
1990 Chartered Engineer (C.Eng)  
1996 Fellow of the British Computer Society (FBCS)  
1997 Fellow of the Institute of Electrical Engineers (FIEE)  
2004 Chartered IT Professional (CITP)  
2011 Fellow of the ACM

## **Awards, Decorations and Honorary Degrees:**

2000	CBE	Queen's Birthday Honours list June 2000
2000	FREng	Fellow of the Royal Academy of Engineering
2002	DSc	Honorary Degree, Oxford Brookes University
2002	FCGI	Fellow of the City & Guilds of London Institute
2004	Honorary Fellow	Cardiff University
2005	DSc	Honorary Degree, University of Glamorgan
2006		Anita Borg Award for Technical Leadership
2007	Honorary Degree	University of Pretoria, South Africa
2008	DSc	University of Loughborough
2008	Guest Professor	Tsinghua University, Beijing, China
2009	DBE	New Year's Honours List
2009	FRS	Fellow of the Royal Society
2009	DSc	Honorary Degree, University of Glasgow
2009	Duncan Davies Medal	Research and Development Society
2010	Honorary Degree	Aristotle University of Thessaloniki
2010	Honorary Citizenship	Veria, Greece
2011	Lifetime Achievement Award	Oxford Internet Institute
2012	DSc	Honorary Degree, Dalhousie University, Canada
2012	DSc	Honorary Degree, Queen's University, Belfast
2012	DSc	Honorary Degree, Birmingham University
2013	DSc	Honorary Degree, City University London
2013	DSc	Honorary Degree, University of Sussex
2014	DSc	Honorary Degree, University College London
2015	DSc	Honorary Degree, University of Bradford
2015	DSc	Honorary Degree, The Open University
2015	ACM Award	Contribution to the ACM
2016	Distinguished Fellow	British Computer Society

## **Career Development:**

1995	Member of the Duke of Edinburgh's Leadership Forum
2002	Cabinet Office, TOP Management Course, Nov 2002 – April 2003

## **Policy reports:**

UK Prime Minister's Council for Science and Technology report "Better Use of Personal Information: Opportunities and Risks" (2005)  
<https://webarchive.nationalarchives.gov.uk/20120306014508/http://www.bis.gov.uk/assets/bispartners/cst/docs/files/cst-reports/05-2177-better-use-personal-information>

RUSI report "A Democratic Licence to Operate: Report of the Independent Surveillance Review" (2015)  
<https://rusi.org/publication/whitehall-reports/democratic-licence-operate-report-independent-surveillance-review>

Final report of the Global Commission on Internet Governance: One Internet (2016)  
[https://www.cigionline.org/sites/default/files/gcig\\_final\\_report\\_-\\_with\\_cover.pdf](https://www.cigionline.org/sites/default/files/gcig_final_report_-_with_cover.pdf)

UK Government AI review “Growing the artificial intelligence industry in the UK” (2017)

<https://www.gov.uk/government/publications/growing-the-artificial-intelligence-industry-in-the-uk>

UK Government AI Sector deal (2018)

<https://www.gov.uk/government/publications/artificial-intelligence-sector-deal>

### **Research track record and profile:**

The full list of my academic publications (over 500) can be found at

<https://www.ecs.soton.ac.uk/people/wh#publications>

I have supervised over 50 students to successful completion of their PhD

I have given numerous invited talks and keynotes at national and international conferences and meetings. I have spoken at the Royal Institution and the Royal Society of Edinburgh and at the Royal Philosophical Society of Glasgow in 2008. I gave the keynote at the Tomorrow’s Giants conference organised by the Royal Society as part of their 350<sup>th</sup> Anniversary year

More recently I have spoken about AI Policy at many national and international events including select committees and other parliamentary groups in Westminster, the UN in Geneva, the OECD in Paris, EU Parliament in Brussels and the World Bank in Singapore

In November 2004, I was named by IEEE Spectrum as one of 40 Tech Guru’s giving a “View from the Top” in their 40<sup>th</sup> Anniversary Issue. I was the only person from the UK in the list. In October 2011, I was listed by the Times newspaper as the 26<sup>th</sup> most influential scientist in the UK, one of only 5 women in the top 30. In July 2012 I was named by Computer Weekly as the 2<sup>nd</sup> most influential woman in IT in the UK. In Feb 2013, I was named one of the 100 most powerful women in the UK on the Women’s Hour Power list. In July 2014 I was named by Computer Weekly as the most influential woman in IT in the UK

### **Professional Activities outside the University:**

#### **Recent Significant Appointments:**

- |                  |   |
|------------------|---|
| 2003-2004        | President of the British Computer Society   |
| <b>2004-2010</b> | <b>Member of Prime Minister’s Council for Science and Technology</b>              |
| 2004-2008        | Member of the RAE 2008 Computer Science Panel                                     |
| 2005-2008        | Senior Vice President of the Royal Academy of Engineering                         |
| <b>2005-2010</b> | <b>Founding Member of the Scientific Council of the European Research Council</b> |
| 2006-2008        | Vice President of the ACM   |
| 2007-2015        | Member of the British Library Board   |
| <b>2008-2010</b> | <b>President of the ACM – the first non-North American to hold this post</b>      |
| 2009-            | Director of the Web Science Trust (registered charity)                            |

**2010-2012**     **Chair, EU Commission's IST Advisory Group (ISTAG)**  
 2012-2018     Non-Exec Director, Defence Science and Technology Board  
 2012-2016     Member of the World Economic Forum Global Council on Robotics and Smart Devices  
 2013-2017     Member of Council, Royal Society  
 2014-2016     Member of the Global Commission on Internet Governance  
 2014-2017     Chair of the British Council Education Advisory Group  
 2016-2018     Member of the World Economic Forum Global Council on Digital Economy and Society  
 2016-           Member of Computer Science Advisory Board, Tsinghua University, China  
 2017-           Member of Computer Science Review Panel, Ministry of Education, Singapore  
 2018-           Visiting Professor, National University of Singapore  
 2018-           Member of the AI Singapore International Advisory Panel  
 2020-           Distinguished Fellow, Atlantic Council Geotech Center, USA  
 2020-           Appointed Chair of the Ada Lovelace Institute.

**Other Committee Memberships and Posts Held:**

1995-1998     Chair of the British Computer Society Publications Committee  
 1995-1998     Member of the Technology Foresight ITEC panel  
 1995-           Member of the EPSRC Computing College  
 1997-2002     Council Member of the EPSRC  
 1997-           Member of the International WWW Conference Committee (IW3C2), Chair IW3C2 2017  
 1998-2001     Vice President (Publications) British Computer Society  
 1999-2006     Member of the ACM Publications Board  
 2001-2002     Vice President (Knowledge Services) British Computer Society  
 2001-           Member of the RAE 2001 Computer Science Panel  
 2002-2003     Deputy President of the BCS  
 2002-2005     Member of the UKCRC Executive  
 2002-2005     Council Member of the Royal Academy of Engineering  
 2004-2007     Member of the IEE Publications Board  
 2004-2006     Member of ACM Council  
 2004-2011     Chair of the UKCRC Grand Challenges Committee  
 2009-2019     Member of ACM Europe Council  
 2018-2021     Member of the REF 2021 Computer Science sub-panel

**Non-Executive Directorships and company roles:**

1994-2004     Director, Active Navigation (formerly Multicosm) Ltd  
 2003-2007     Director, ECS Partners Ltd  
 2004-2007     Director, Innos Ltd  
 2004-           Director Seme4 Ltd  
 2005-2006     Director Garlik (formerly Richmond Informatics) Ltd  
 2006-2011     Chair of the Garlik Strategic Advisory Board  
 2009-           Executive Director of the Web Science Trust  
 2012-2018     Non-Executive Director, Defence Science and Technology Board  
 2012-2015     Non-Executive Director, IDOX plc

2013- Non-Executive Director, Digital Economy Catapult  
2019- Scientific Advisory Board Member, NX3 Technologies  
2020- Non-Executive Director, Digital Jersey

**Significant Editorial Boards and Conference Committees:**

IEEE Multimedia (founding editorial board member)  
Journal of Digital Information (founding co-editor)  
Computer Journal  
Interface (Royal Society)  
Foundations and Trends in Web Science (founding co-editor)

ACM Multimedia'96 (Programme co-Chair)  
ACM Hypertext'97 (Conference co-Chair)  
ACM Multimedia'98 (Conference co-Chair)  
WWW2006 (Conference co-Chair)  
ACM Web Science (Steering group chair) 2009 -