Curriculum vitae: Timothy Roscoe

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EDUCATION

University of Cambridge, UK
PhD in Computer Science: *The Design of a Multi-Service Operating System*	1995
Diploma in Computer Science (with Distinction)	1990
BA (Hons) in Mathematics	1989

EMPLOYMENT AND POSITIONS

ETH Zurich (Swiss Federal Institute of Technology) — *Zurich, Switzerland*
Full Professor of Computer Science	2007–present
Head of Department, Computer Science	2021–2023

University of Washington — *Seattle, WA, USA*
Visiting Professor	2013

Microsoft Research
Visiting Faculty *(Cambridge, UK)*	2008
Consulting Researcher *(Mountain View, California, USA)*	2014

National ICT Australia — *Sydney, Australia*
Visiting Researcher (Embedded and Real-time Operating Systems Group)	2006–2007

University of California at Berkeley — *Berkeley, California, USA*
Adjunct Professor of Computer Science	2004–2007
Visiting Industrial Fellow	2001–2002

Intel Research — *Berkeley, California, USA*
Senior Research Scientist	2002–2004
Principal Research Scientist	2004–2006
Visiting Faculty Researcher	2007

Sprint Advanced Technology Labs — *Burlingame, California, USA*
Distinguished Research Scientist	1998–2002

Persimmon IT, Inc. — *Durham, North Carolina, USA*
Vice President, Research and Development	1995–1998

University of Cambridge Computer Laboratory — *Cambridge, UK*
Research Associate (Systems Research Group)	1990–1995

Olivetti Research Ltd. — *Cambridge, UK*
Contractor (Multimedia Streaming Group)	1994

Xerox Palo Alto Research Center — *Palo Alto, California, USA*
Research Intern (Networking Group)	1993

INSTITUTIONAL RESPONSIBILITIES

ETH Research Commission	2025–present
Head of Department	2021–2023
Deputy Head of Department	2019–2021
ETH+ / OpenETH Evaluation Committee	2018–present
Executive Committee, Department of Computer Science	2017–present
Director, Networks and Operating Systems Group	2007–present
Co-Director, Enterprise Computing Center	2008–2014
Head, Institute for Pervasive Computing	2010–2016
Deputy Head, Institute for Computing Platforms	2017–present
Executive Committee, Institute for Science, Technology, and Policy	2014–2018

Professional Service

Program Committee Chair

ACM / Usenix OSDI (Operating Systems Design and Implementation) (with Kim Keeton)	2016
Usenix Annual Technical Conference (with Paul Barham)	2010
ACM / NSDI (Networked Systems Design and Implementation) (with Larry Peterson)	2008

Program Committee Membership

OSDI (Operating Systems Design and Implementation)	2024, 2014, 2012, 2004, 2002, 2000
SOSP (ACM Symposium on Operating Systems Principles)	2023, 2013, 2009
EuroSys (ACM SIGOPS/EuroSys Conference on Computer Systems)	2014, 2012, 2009, 2007
NSDI (Networked Systems Design and Implementation)	2018, 2010, 2006, 2004
Usenix Annual Technical Conference	2008, 2007, 2005
ACM Eurosys Roger Needham PhD thesis award	2012
ACM Software Systems Award award	2023-present
HotOS (Workshop on Hot Topics in Operating Systems)	2025, 2009
SIGCOMM (ACM Conference on Computer Communication)	2011
VEE (ACM Workshop on Virtual Execution Environments)	2007
IEEE Conference on Peer-to-Peer Systems	2007
CIDR (ACM SIGMOD/VLDB Conference on Innovative Data Systems Research)	2007

Member of Steering Committee

OSDI (Usenix Symposium on Operating Systems Systems Design and Implementation	2016–present
NSDI (Usenix Symposium on Networked Systems Design and Implementation	2016–2022
Eurosys (European Professional Society for Computer Systems)	2011–2018

Other

Technical Advisory Board, Neutrality SA	2023–present
ERC Starter Grant PE6 panelist	2023
Technical Advisory Board, Microsoft Research India	2015–2022
Working Group member, US National Science Foundation GENI Initiative	2005–2010
External discussant, NSF Future Internet Architecture program	2012–2018
Member, UK Engineering and Physical Sciences Research Council Review College	2002–present
National Science Foundation review panelist, USA	2003–2006

Active memberships in scientific societies

Member of the Association for Computing Machinery.
Elected Fellow of the ACM in 2013, "for contributions to operating systems and networking research."

Awards

ACM SIGOPS Hall of Fame award	2020
ACM/IFIP/Usenix Middleware 10-year "Test of Time" award	2017
Google Faculty Research Award	2015
Best paper award: Usenix Operating Systems Design and Implementation (OSDI)	2014
Usenix Software Tools User Group award	2014
NSDI 10-year "Test of Time" award	2014
ACM SIGCOMM 10-year "Test of Time" award	2013
ETH Zurich "Goldene Eule" teaching award for Computer Science	2024, 2011
IBM Faculty Award	2009
Best paper award: Usenix Annual Technical Conference	2005