

# Curriculum Vitae for Timothy Berners-Lee

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**Tim Berners-Lee**

**Web Science Research Initiative (WSRI)**

**& MIT Computer Science and Artificial Intelligence Laboratory (CSAIL)**

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## Professional Preparation

- Oxford University, B.A. Physics, 1976

## Appointments

- **Co-Director, Web Science Research Initiative (WSRI)**  
2006 - present, a joint project between the Massachusetts Institute of Technology (MIT) and Southampton University, UK
- **Professor of Electronics and Computer Science**  
2005 - present, Southampton University, UK. (ECS, dept., part time)
- **Senior Research Scientist**  
2001 - present, Massachusetts Institute of Technology (MIT), Laboratory for Computer Science (LCS)/Computer Science and Artificial Intelligence Laboratory (CSAIL)
- **Principal Research Scientist**  
1995 - 2001, MIT Laboratory for Computer Science
- **3 Com Founders Chair**  
1999 - present, MIT Laboratory for Computer Science
- **Director**  
1994 - present, World Wide Web Consortium (W3C)
- **Research Scientist**  
1994 - 1995, MIT Laboratory for Computer Science
- **Fellow/Staff Member**  
1984 - 1986/1986 - 1994, CERN, European Center for Particle Physics Research
- **Director**  
1984 - 1981, Image Computer Systems Ltd.
- **Private Consultant**  
1980-1981
- **Software Engineer**  
1978-1979, D.G.Nash Ltd.
- **Engineer (Assistant to Senior to Principal)**  
1976-1978, Plessey Telecommunications Ltd.

## Selected Publications

- Berners-Lee, T.J., et al, "World-Wide Web: Information Universe", Electronic Publishing: Research, Applications and Policy, 1992, p.4.
- Berners-Lee, T.J., et al, "The World Wide Web," Communications of the ACM, 1994, p. 8.
- T. Berners-Lee, L. Masinter, M. McCahill, "Universal Resource Locators (URL)", [RFC1738](#), 1994/12.

- T. Berners-Lee, D. Connolly "Hypertext markup Language - 2.0", [RFC1866](#), 1996/5.
- R. Fielding, J. Gettys, J. Mogul, H. Frystyk, L. Masinter, P. Leach, T. Berners-Lee "Hypertext Transfer Protocol HTTP 1.1", [RFC 2616](#), 1999/6.
- Tim Berners-Lee, Dan Connolly, Ralph R. Swick "[Web Architecture: Describing and Exchanging Data](#)", W3C Note, 1999/6-7.
- Berners-Lee, Tim, Weaving the Web, Harper San Francisco, 1999.
- Berners-Lee, Tim. and Hendler, James "[Publishing on the Semantic Web](#)", Nature, April 26 2001 p. 1023-1025.
- Berners-Lee, Tim; Hendler, James and Lassila, Ora "[The Semantic Web](#)", Scientific American, May 2001, p. 29-37.
- James Hendler, Tim Berners-Lee and Eric Miller, '[Integrating Applications on the Semantic Web](#)', Journal of the Institute of Electrical Engineers of Japan, Vol 122(10), October, 2002, p. 676-680.
- Weitzner, Hendler, Berners-Lee, Connolly, chapter, "Creating the Policy-Aware Web: Discretionary, Rules-based Access for the World Wide Web", [Web And Information Security](#), IRM Press, October 17, 2005
- Tim-Berners Lee, Wendy Hall, James A. Hendler, Kieron O'Hara, Nigel Shadbolt and Daniel J. Weitzner, "A Framework for Web Science", Foundations and Trends in Web Science, ISBN: 1-933019-33-6, September 2006, 144pp.

## Synergistic Activities

- Invented the World Wide Web, an internet-based hypermedia initiative for global information sharing, in 1989 while working at CERN and wrote the first web client (browser-editor) and server, and the original HTML, HTTP and URI specifications, in 1990.
- International World Wide Web Conference Steering Committee (1994 - present) and Program Committees (1993, 1994, 1995)
- World Economic Forum, invited sessions, 1997 and 1998, Davos, Switzerland.
- Congressional Internet Caucus Speakers Series, speech to members of Congress on the Semantic Web, the social implications of the use of the internet, June 2001.
- Radio and TV appearances to explain technologies and the Web, including NPR's *Science Friday* and *All Things Considered*.
- Board of Advisors, "Web Semantics: Science, Services and Agents on the World Wide Web" journal (2002 - present)
- Strategic Advisory Board, Garlik Limited, (2006-present)

## Collaborators and Other Affiliations

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| • Abelson, Hal (CSAIL/MIT)                    | • Lassila, Ora (Nokia)                            |
| • Clark, David (CSAIL/MIT)                    | • Leach, Paul (Microsoft)                         |
| • Fielding, Roy (Day Software)                | • Masinter, Larry (Adobe Systems)                 |
| • Gettys, Jim (One Laptop Per Child)          | • Mogul, Jeffrey (Hewlett-Packard)                |
| • Hall, Wendy (University of Southampton, UK) | • Shadbolt, Nigel (University of Southampton, UK) |
| • Hendler, James (RPI)                        | • Stein, Lynn A. (Olin College)                   |
| • Frystyk-Nielsen, Henrik (Microsoft)         | • Weitzner, Daniel (W3C/MIT)                      |
| • Karger, David (CSAIL/MIT)                   |   |