

# Scott A. Walter

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## POSITIONS

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- 2015+ Professor, Faculty of Science and Technology, University of Nantes
- 2013–15 Lecturer in Scientific Humanities, Sciences Po Paris, Nancy Campus
- 2012–15 Associate Professor, University of Lorraine, Department of Philosophy
- 2007–09 CNRS Research Fellow, Henri Poincaré Archives, Nancy
- 2001–12 Associate Professor, University of Nancy 2, Department of Philosophy
- 1999–01 Assistant Professor, University of Nancy 2, Department of Philosophy
- 1998–99 CNRS & Max-Planck-Gesellschaft Fellow, Max Planck Institute for the History of Science, Berlin
- 1992–95 Predoctoral Fellow, French Ministry of Education and Research
- 1992–93 Lecturer in Computer Science, Schiller International University, Paris
- 1985–88 Staff Research Scientist, Department of Computer Science, General Motors Research Laboratories, Warren, Michigan

## ACADEMIC LEADERSHIP

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- 2021 Member of the French delegation to the IUHPST/DHST (International Union of History and Philosophy of Science and Technology/Division of History of Science and Technology)
- 2021–2025 Appointed member (alternate) of the National University Council, section 72, Epistemology and History of Science and Technology
- 2020+ Member of the Atlantic Center for Philosophy (CAPHI, EA 7463)
- 2017–22 Steering committee, Research coordination network: Developing an Integrative Approach to Computational and Digital History and Philosophy of Science, National Science Foundation
- 2016–18 Director, François-Viète Center, Nantes–Brest
- 2016–18 Commission for Humanities (SHS) of the Regional Consultative Committee for Research and Technological Development (CCRRDT), Loire Region
- 2015–16 Deputy director, François-Viète Center, Nantes–Brest
- 2013+ Co-director of the international consortium Digital|HPS
- 2011–15 Co-director of the research axis “Archives, corpora, scientific institutions”, Henri-Poincaré Archives (CNRS & U. of Lorraine, UMR 7117)
- 2009–15 Director, Graduate Program in Philosophy and History of Science, University of Lorraine
- 2000–02 Chair, Department of Philosophy, University of Nancy 2

## SELECT HONORS AND GRANTS

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- 2016 Dibner Library of the History of Science and Technology, National Museum of American History, Washington DC, Resident Scholar
- 2015–19 Research Excellence Award, National Council of Universities (PEDR, CNU section 72)
- 2013 Dibner Library Resident Scholar
- 2010–14 Maison des sciences de l’homme Lorraine, PI, Electronic Edition of Mathematical Manuscripts
- 2008–13 Maison des sciences de l’homme Lorraine, PI, Henri Poincaré Correspondence Project
- 2008 Erwin Schrödinger Institute Fellow
- 2007–11 Agence nationale de la recherche, PI, Sources of 20th-century Mathematical Knowledge, Project ANR-06-CORP-0027

## SELECT PUBLICATIONS

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- 2018 Ether and electrons in relativity (1900–1911). In J. Navarro, *Ether and Modernity*, Oxford: Oxford University Press, 67–87
- 2018 Figures of light in the early history of relativity (1905–1914). In D. Rowe et al., *Beyond Einstein: Perspectives on Geometry, Gravitation, and Cosmology in the Twentieth Century*, New York: Springer, 3–50
- 2016 *La correspondance entre Henri Poincaré, les astronomes, et les géodésiens*, Basel : Birkhäuser, doi: 10.1007/978-3-7643-8293-3
- 2014 Poincaré on clocks in motion. *Studies in the History and Philosophy of Modern Physics* 47(1), 131–141
- 2014 The historical origins of spacetime. In A. Abtekhkar & V. Petkov (eds.), *Springer Handbook of Spacetime*, 27–38
- 2007 *La Correspondance entre Henri Poincaré et les physiciens, chimistes et ingénieurs*. Basel: Birkhäuser, doi: 10.1007/978-3-7643-8303-9
- 2002 *Henri Poincaré Papers* (website):  
[henripoincarepapers.univ-nantes.fr/](http://henripoincarepapers.univ-nantes.fr/)

## SELECT COMMUNICATIONS

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- 2019-07-26 Stargas models of the universe and the rise of statistical astronomy, Session “Cosmic Stories: Astrophysics and the Invention of Cosmology in the Early 20th Century”, History of Science Society Annual Meeting, Utrecht.
- 2019-05-27 Eddington’s approach to star-streams and the structure of the universe, Eddington Centennial, IPC/Paris Observatory, Paris.
- 2018-06-22 Van der Pol and the Van der Pol equation, Mathematics and mathematization of physical theory: historical and conceptual aspects, Johannes-Gutenberg Universität Mainz, Mainz.
- 2018-05-11 Mathematization of cosmology from Kelvin to Einstein, 31e Séminaire national d’histoire des mathématiques, Escola Superior de Educação de Viseu, Viseu.
- 2017-11-12 Mathematics and the wireless world, Session “Between utility and discipline in interwar physics,” Annual Meeting, History of Science Society, Toronto.
- 2017-11-02 Star streams and collisions: the evolution of the universe in early 20th-century cosmology, Theorizing the End of the World, 3rd International Atlantys Colloquium, Nantes.

## DIPLOMAS

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- 2009 Habilitation in Letters and Humanities, University of Nancy 2
- 1996 Ph.D. in Epistemology and History of Science, University of Paris 7
- 1992 *D.E.A.* in Epistemology and History of Science, University of Paris 7
- 1990 *Licence* in Philosophy, University of Paris 8
- 1985 BS and MS in Mechanical Engineering, Stanford University

## SELECT COMMITTEES

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- 2011–12 Henri Poincaré Centennial 1912–2012
- 2008 Beyond Einstein Congress, Johannes-Gutenberg-Univ. Mainz, 2008
- 2004–05 Einstein exhibition, Kronprinzenpalais, Berlin, May–October, 2005

## SELECT UNIVERSITY SERVICE

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- 2018+ Referee, Israel Science Foundation
- 2017+ Expert, High Council for the Evaluation of Research and Higher Education (HCERES)
- 2017–18 Executive Council of the doctoral program Societies, temporalities, territories, Université Bretagne Loire
- 2016–17 Executive Council of the doctoral program 496, Societies, cultures, exchange, Nantes–Angers–Le Mans
- 2016–18 Member of the Commission for Humanities (SHS) of the Regional Consultative Committee for Research and Technological Development (CCRRDT), Loire Region
- 2016+ Referee, Ikerbasque Foundation for Science
- 2012+ Referee, Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca (Italy)
- 2009–15 Executive Council of the doctoral program “Stanislas”, Univ. Lorraine
- 2007–13 Executive Council, UFR Connaissance de l’homme, Univ. Lorraine
- 2000–15 Executive Council, Henri-Poincaré Archives, Nancy

## MISCELLANEOUS

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Dual national (France/USA, b. Oakland, USA).  
Book review editor, *Historia Mathematica* (2003–05). Editorial board member of the collections *Documents for the History of Mathematics* and *Histoires de géométries*. Referee for *American Journal of Physics*, *Archive for History of Exact Science*, *Erkenntnis*, *Foundations of Physics*, *International Studies in the Philosophy of Science*, *Isis*, *Philosophia Scientiæ*, *Physics Essays*, *Science in Context*, *Revue d’histoire des mathématiques*, *Revue d’histoire des sciences*, *Studies in History and Philosophy of Modern Physics*, and *Studies in History and Philosophy of Science*. Reviewer for *Zentralblatt MATH*. Member of the European Society for History of Science, the *Société française d’histoire des sciences et des techniques*, and the History of Science Society.