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POSITIONS

2015+	Professor, Faculty of Science and Technology, Nantes University
2013–15	Lecturer in Scientific Humanities, Sciences Po Paris, Nancy Campus
2007–09	CNRS Research Fellow, Henri Poincaré Archives, Nancy
1999–15	Assistant to Associate Professor, University of Nancy 2/University of Lorraine, 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

2024+	Secretary of the French National Committee on History and Philosophy of Science and Technology
2021–2025	Member (French government appointee) of the National University Council of France, section 72, Epistemology and History of Science and Technology
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)
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
2013–2014	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

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

Diplomas

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

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 and Academic Service

2017+	Referee, High Council for the Evaluation of Research and Higher Education (HCERES)
2017+	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+	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

Doctoral Research Projects (in progress)

2022+ Philippe Katz, Henri Poincaré and the limits of Newton's Law, Nantes University, ELICC Graduate School

2021+ Corentin Fève, The Neo-Kantian Reception of Relativity Theory, Nantes University, ELICC Graduate School

Miscellaneous

Book review editor, *Historia Mathematica* (2003–05). Editorial board member of the collections *Documents for the History of Mathematics*, *Histoires de géométries* and *Max Planck Research Library for the History and Development of Knowledge*. Referee for *American Journal of Physics*, *Archive for History of Exact Science*, *Chirality*, *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*, and *Studies in History and Philosophy of Modern Physics*. Reviewer for *Zentralblatt MATH*. Member of the European Society for History of Science, the French Society for History of Science and Technology, the French Society for Astronomy & Astrophysics, the History of Science Society, and the Society for the History of Technology.

Publications

Peer-reviewed articles

1. The Poincaré pear and Poincaré-Darwin fission theory in astrophysics, 1885–1901. *Philosophia Scientiæ* 27(3), 2023, 159–187; doi 10.4000/philosophiascientiae.4178; arXiv:2311.02054; S2CID 264388277;

2. Henri Poincaré's life, science, and life in science. *Historia Mathematica* 44(4), 2017, 423–435; doi 10.1016/j.hm.2017.05.001

3. Poincaré on clocks in motion. *Studies in History and Philosophy of Modern Physics* 47(1), 2014, 131–141; doi 10.1016/j.shpsb.2014.01.003

4. Hermann Minkowski's approach to physics. *Mathematische Semesterberichte* 55(2), 2008, 213–235; doi 10.1007/s00591-008-0044-4

5. La vérité en géométrie : sur le rejet mathématique de la doctrine conventionnaliste. *Philosophia Scientiæ* 2(3), 1997, 103–135

6. Henri Poincaré's student notebooks, 1870–1878. *Philosophia Scientiæ* 1(4), 1996, 1–17

Edited books

1. Philippe Nabonnand (éd.), Olivier Bruneau, Jeremy J. Gray, Gerhard Heinzmann, Philippe Henry, Jean Mawhin, David E. Rowe, Klaus Volkert et Scott A. Walter (éds. associés). *La Correspondance entre Henri Poincaré et les mathématiciens*. Cham: Birkhäuser, 925 p., 2024; doi 10.1007/978-3-7643-8288-9

2. David Rowe, Tilman Sauer and Scott A. Walter (eds.). *Beyond Einstein: Perspectives on Geometry, Gravitation, and Cosmology in the Twentieth Century*. New York: Birkhäuser, 492 p., 2018. ISBN 978-1-4939-7706-2; doi 10.1007/978-1-4939-7708-6

3. Scott A. Walter (éd.), Philippe Nabonnand, Ralf Krömer et Martina Schiavon (éds. associés). *La Correspondance entre Henri Poincaré, les astronomes, et les géodésiens*. Basel: Birkhäuser, 391 p., 2016; doi 10.1007/978-3-7643-8293-3

4. Scott A. Walter (éd.), André Coret et Étienne Bolmont (éds. associés). *La Correspondance entre Henri Poincaré et les physiciens, chimistes et ingénieurs*. Basel: Birkhäuser, 515 p., 2007. ISBN: 978-3-7643-7136-4; doi 10.1007/978-3-7643-8303-9

5. Jeremy Gray and Scott A. Walter (éds). *Henri Poincaré : Trois suppléments sur la découverte des fonctions fuchsiennes.* Berlin: Akademie-Verlag, 1997. *Mathematical Reviews* MR1453360 (98m:01018)

BOOK CHAPTERS

1. Jules Vuillemin, Sur la généralisation de l'estimation de la force chez Laplace (1958). To appear in a collection of Vuillemin's writings edited by B. Mélès et al.

2. L'aberration stellaire et la formule de Fresnel face à la relativité. In P. Cerutti (ed.), *La science*, Paris: Vrin, 2026, 123–159.

3. Describing and understanding the world: from probability and statistics to heat propagation and field theory. In T. Archibald & D.E. Rowe (eds.), *A Cultural History of Mathematics, Volume 5: A Cultural History of Mathematics in the Nineteenth Century*, London: Bloomsbury, 2024, 161–191.

4. Poincaré-Week in Göttingen in light of the Hilbert-Poincaré correspondence of 1908–1909. In Maria Teresa Borgato, Erwin Neuenschwander & Irène Passeron (eds.), *Mathematical Correspondences and Critical Editions*, Cham: Birkhäuser, 2018, 297–310; doi: 10.1007/978-3-319-73577-1_15; *Mathematical Reviews*, MR4305119.

5. Figures of light in the early history of relativity (1905–1914). In D. E. Rowe, T. Sauer, and S. A. Walter (eds.), *Beyond Einstein: Perspectives on Geometry, Gravitation, and Cosmology in the Twentieth Century* (Einstein Studies 14). New York: Birkhäuser, 2018, 3–50; doi 10.1007/978-1-4939-7708-6_1.

6. Ether and electrons in relativity (1900–1911). In J. Navarro, ed, *Ether and Modernity*. Oxford: Oxford University Press, 2018, 67–87; doi 10.1093/oso/9780198797258.003.0005.

7. The historical origins of spacetime. In A. Ashtekar and V. Petkov (eds.), *Springer Handbook of Spacetime*. Berlin: Springer, 2014, 27–38; doi 10.1007/978-3-642-41992-8.

8. Henri Poincaré, theoretical physics and relativity theory in Paris. In K.-H. Schlote and M. Schneider (eds.), *Mathematics Meets Physics*. Frankfurt am Main: Harri Deutsch, 2011, 213–239.

9. Moritz Schlick's reading of Poincaré's theory of relativity. In F. O. Engler and M. Iven (eds.), *Moritz Schlick: Ursprünge und Entwicklungen seines Denkens* (Schlickiana 5). Berlin: Parerga Verlag, 2010, 191–203.

10. With Gerhard Heinzmann. L'hypothèse naturelle, ou quatre jours dans la vie de Gerhard Heinzmann. In P. E. Bour, M. Rebuschi and L. Rollet (eds.), *Construction: Festschrift for Gerhard Heinzmann*. London: College Publications, 2010, 129–135.

11. Minkowski's modern world. In V. Petkov (ed.), *Minkowski Spacetime: A Hundred Years Later*. Berlin: Springer, 2010, 43–61; doi 10.1007/978-90-481-3475-5_2.

12. Hypothesis and convention in Poincaré's defense of Galilei spacetime. In Michael Heidelberger & Gregor Schiemann (eds.), *The Significance of the Hypothetical in the Natural Sciences*. Berlin: Walter de Gruyter, 2009, 193–219; doi 10.1515/9783110210620.193.

13. Henri Poincaré et l'espace-temps conventionnel. In I. Smadja (ed.), *Réalisme et théories physiques* (Cahiers de philosophie de l'Université de Cæn 45). Cæn: Presses universitaires de Cæn, 2008, 87–119; doi 10.4000/cpuc.1301.

14. Breaking in the 4-vectors: the four-dimensional movement in gravitation, 1905–1910. In Jürgen Renn and Matthias Schemmel (eds.), *The Genesis of General Relativity,* 4 vols. (Boston Studies in the Philosophy of Science 250), Volume 3, *Gravitation in the Twilight of Classical Physics: Between Mechanics, Field Theory, and Astronomy*. Berlin: Springer, 2007, 193–252, doi 10.1007/978-1-4020-4000-9_18.

15. Minkowski, mathematicians, and the mathematical theory of relativity. In Hubert Goenner, Jürgen Renn, Jim Ritter and Tilman Sauer (eds.), *The Expanding Worlds of General Relativity* (Einstein Studies 7). Boston: Birkhäuser, 1999, 45–86.

16. The non-Euclidean style of Minkowskian relativity. In Jeremy Gray (ed.), *The Symbolic Universe: Geometry and Physics, 1890–1930*. Oxford: Oxford University Press, 1999, 91–127. *Mathematical Reviews* 2001g:01032.

ARTICLES IN CONGRESS PROCEEDINGS

1. Describing and understanding the world in the long nineteenth century: from probability and statistics to field theory. *Oberwolfach Reports* 41/2020, 2020, 52–53, doi 10.4171/OWR/2020/41.

2. The mathematization of cosmology from Kelvin to Einstein. *Suplemento do Boletim da Sociedade Portugeusa de Matemática* N° 76, 2018, 171–173.

3. Mathematical Milky Way models from Kelvin and Kapteyn to Poincaré, Jeans and Einstein. *Oberwolfach Reports* 12(4), 2015, 2081–2082.

4. Discipline and style in relativity theory, 1905–1915. *Oberwolfach Reports* 7(1), 2010.

5. It's only a model: spacetime geometry in the transition from Galilean to relativistic kinematics. *Oberwolfach Reports* 5(2), 2008.

6. Who's a conventionalist? Henri Poincaré's correspondence with physicists. *Oberwolfach Reports* 4(2), 2005, 3202–3203; doi 10.14760/OWR-2005-56.

7. La solution de Kaluza au problème d'Ehrenfest. In Dominique Flament (ed.), *Dimension, dimensions (I)*. Paris: Éditions de la Maison des sciences de l'homme, 1999.

8. Truth in geometry : metrical conventions and Minkowskian relativity. In Dominique Flament (ed.), *Histoires de géométries : textes du séminaire de l'année 1996*, 61–76. Paris: Éditions de la Maison des sciences de l'homme, 1998.

9. The Sonar Ring: obstacle detection for a mobile robot. *Proceedings 1987 IEEE International Conference on Robotics and Automation,* Volume 3, IEEE Robotics and Automation Council (ed.), Washington: Computer Society Press, 1987, 1574–1579; doi 10.1109/ROBOT.1987.1087902.

REVIEWS

1. Rossana Tazzioli, *From Differential Geometry to Relativity: Levi-Civita's Lectures on the Absolute Differential Calculus, 1925–1928* (Berlin, EMS Press, 2025), *British Journal for the History of Mathematics*, in press; doi 10.1080/26375451.2026.2677295.

2. Tobias Schütz, Einstein at Work on Unified Field Theory: The Five-Dimensional Einstein-Bergmann Approach. *Mathematical Reviews*, MR4759174, 2025.

3. Loïc Petitgirard, The mathematics of nonlinear oscillations in the 1920s: a decade of trials and convergence? Examples of the work of Nicolai Minorsky. *Mathematical Reviews*, MR4240592, 2024.

4. Marco Giovanelli, Appearance and reality: Einstein and the early debate on the reality of length contraction. *Mathematical Reviews*, MR4666605, 2024.

5. Anke te Heesen, Revolutionäre im Interview: Thomas Kuhn, Quantenphysik und Oral History (Berlin, Verlag Klaus Wagenbach, 2022), *Revue d'histoire des sciences* 76(2), 2023, 498–501; doi 10.3917/rhs.762.0498.

6. Javier Anta, Information, meaning and physics: the intellectual evolution of the English School of Information Theory during 1946–1956. *Mathematical Reviews*, MR4556943, 2023.

7. Alessandro Rosa, An episodic history of the staircased iteration diagram. *Mathematical Reviews*, MR4467503, 2023.

8. Jean-Philippe Martinez, The Fock-Infeld dispute: an illustration of the renaissance of general relativity in the Soviet Union. *Mathematical Reviews*, MR4305121, 2023.

9. Gerard Gilmore and Gudrun Tausch-Pebody, The 1919 eclipse results that verified general relativity and their later detractors: a story re-told. *Mathematical Reviews*, MR4409390, 2022.

10. Roberto Lalli, Riaz Howey and Dirk Wintergrün, The socio-epistemic networks of general relativity, 1925–1970. *Mathematical Reviews*, MR4305119, 2022.

11. Claudia E. Graf-Grossmann, Marcel Grossmann: For the Love of Mathematics. *Isis* 111(1), 2020, 194–195.

12. Roberto Lalli, Building the General Relativity and Gravitation Community During the Cold War. *Centaurus* 61, 2020, 451–453; doi 10.1111/1600-0498.12230.

13. Revisiting the Foundations of Relativistic Physics. Edited by Abhay Ashtekar et al. *American Journal of Physics* 72(7), 2004, 974–975; doi 10.1119/1.1761068.

14. Beyond the Einstein Addition Law and the Gyroscopic Thomas Precession, by Abraham A. Ungar. *Foundations of Physics* 32(2), 2002, 327–330.

15. How Maxwell made his mark: Electrodynamics from Ampère to Einstein, by Olivier Darrigol. *Nature* 409, 2001-01-18, 283–284; doi 10.1038/35053149.

16. The Collected Papers of Albert Einstein, Vol. 6. Edited by Anne J. Kox et al. *Revue d'histoire des sciences* 52, 1999, 163–164.

NON-SPECIALIST PUBLICATIONS AND TRANSLATIONS

1. L'histoire des sciences pour les robots : les humanités numériques aux Archives Henri Poincaré. *La lettre de l'INSHS*, N° 29, mai 2014.

2. Hermann Minkowski and the scandal of spacetime. *ESI News* (Vienna) 3(1), 2008, 6–8.

3. On the dynamics of the electron, by Henri Poincaré (1906). Translated from the French by Scott A. Walter. In Jürgen Renn and Matthias Schemmel (eds.), *The Genesis of General Relativity, Volume 3, Gravitation in the Twilight of Classical Physics: Between Mechanics, Field Theory, and Astronomy,* 253–271. Berlin: Springer, 2007.

4. Poincaré, Henri. In Noretta Koertge (ed.), *New Dictionary of Scientific Biography*, Vol. 6, 121–125. Detroit: Charles Scribner's Sons, 2007.

5. Poincaré, Henri. In John Merriman and Jay Winter (eds.), *Europe 1789–1914, Encyclopedia of the Age of Industry and Empire, Volume 4: 1805–1806.* Detroit: Charles Scribner's Sons, 2006.

6. Henri Poincaré and the theory of relativity. In Jürgen Renn (ed.), *Albert Einstein, Chief Engineer of the Universe*: 100 Authors for Einstein, 162–165. Berlin: Wiley-VCH, 2005.

7. Henri Poincaré und die Relativitätstheorie. In Jürgen Renn (ed.), *Albert Einstein, Ingenieur des Universums*: 100 Autoren für Einstein, 162–165. Berlin: Wiley-VCH, 2005.

8. Éther. In Dominique Lecourt (ed.), *Dictionnaire d'histoire et philosophie des sciences*, 381–384. Paris: Presses universitaires de France, 1999. 4e éd., 2006, 448–451.

9. Interview with René Girard. *Birth of Tragedy*, Power issue, May–July, 1985. Reedited in Cynthia L. Haven (ed.), *Conversations with René Girard: Prophet of Envy*, 21–31. London: Bloomsbury, 2020.

DOCUMENTARIES

1. *A la recherche de Henri Poincaré.* Web documentaire de 12 minutes produit par Vidéoscop, réalisé par Philippe Thomine en 2011.

2. With Gerhard Heinzmann. *Le monde est-il mathématique ?* Documentaire de 52 minutes produit par Vidéoscop, réalisé par Philippe Thomine en 2004. N° 4 de la série Sciences et philosophie. Les Amphis de France 5 : Philosophie.

MEDIA

1. Letter to the Editor. *Isis* 99(2), 2008, 374; doi 10.1086/588695.

2. *La Bibliographie d'Henri Poincaré.* Publication électronique de la bibliographie de Henri Poincaré (2002) : henripoincarepapers.univ-nantes.fr/bibliohp/

3. *La Correspondance d'Henri Poincaré*. Publication en ligne de la correspondance et des manuscrits divers d'Henri Poincaré, sous forme d'images numérisées, et de transcriptions annotées (2002) : henripoincarepapers.univ-nantes.fr/corresphp/

4. *Henri Poincaré : Les cahiers de jeunesse 1870–1878.* Édition sur microfilm de dix-sept cahiers de jeunesse d'Henri Poincaré avec une notice de synthèse et une table des matières, 1993. Institutions dépositaires : SPHERE (UMR 7596), Paris; Archives Henri Poincaré (UMR 7117), Nancy; American Institute of Physics Niels Bohr Library, College Park, Maryland.

THESIS

Hermann Minkowski et la mathématisation de la théorie de la relativité restreinte, 1905–1915. Université Denis Diderot (Paris 7), 1996.

INVITED LECTURES

158. 2026-07-13. Electromagnetic momentum and energy conservation in Göttingen electrodynamics, 1900-1909, Symposium "Emergence and Interpretation of the Principle of Energy Conservation in the Long 19th Century", European Society for the History of Science/History of Science Society Joint Meeting , University of Edinburgh, Edinburgh.

157. 2026-03-26. La doctrine conventionnaliste de la géométrie et le problème du mouvement, Séminaire "Circulation et réception des savoirs mathématiques" du Laboratoire de mathématiques Jean Leray, Nantes Université, Nantes.

156. 2025-07-01. Poincaré-Darwin fission theory in the history of astronomy and astrophysics, 27th International Congress of History of Science and Technology, University of Otago, Dunedin.

155. 2025-01-28. Les étoiles binaires au début du XXe siècle, Assemblée générale du CNFHPST, Académie des sciences de Paris, Paris.

154. 2024-07-11. Closed theories in physics: from Poincaré and Hilbert to Heisenberg, Symposium "Neo-Kantians and scientific revolutions: ruptures and continuities within the neo-Kantian tradition (1860-1940)", HOPOS 2024, 15th Biennial Congress, University of Vienna, Vienna.

153. 2024-06-20. The prehistory, discovery and early impact of Hermann Minkowski's electrodynamics of moving media and spacetime in Göttingen and Paris, International Scientific Conference Dedicated to the 160th Anniversary of Prof. Dr. Hermann Minkowski, Kaunas University of Technology and Georg-August-Universität Göttingen, Kaunas.

152. 2022-07-06. Henri Poincaré's discipline of stellar dynamics: star streams and 'la jeunesse des étoiles', Poincaré 2022, Archives Henri Poincaré, Nancy.

151. 2022-05-17. The epistemic power of closed theories, Fourth Franco-Mexican Advanced Seminar in the History and Philosophy of Science, Universidad Nacional Autónoma de México, Mexico City.

150. 2022-04-29. Models as epistemic markers, from Descartes to Poincaré, Journées doctorales, IMN Jean Rouxel, Nantes.

149. 2021-11-19. Solving the triode: the Appleton–van der Pol collaboration, F29: Making and modeling wireless waves, from Hertz to Andronov, Society for the History of Technology–History of Science Society Annual Meeting, New Orleans.

148. 2021-07-26. Stars as molecules: Poincaré and von Zeipel on globular clusters and the structure of the Milky Way, Symposium 21: Expanding the range of statistical mechanics, from Poincaré and von Zeipel to Smoluchowski and Fowler, 26th International Congress of History of Science and Technology, Prague.

147. 2021-02-05. Stability of spiral nebulae and the origins of modern cosmology, Observing, sensing, detecting: toward a multi-layered picture of the universe from historical and epistemological perspectives, Italian Society for the History of Physics and Astronomy, Naples.

146. 2020-12-18. Response to David Hyder, "The modality of economic science", Panel 10: Philosophy of Economics and Heterodox Economics, International Colloquium "The Positive and the Normative in Economic Thought", University of Paris, Paris.

145. 2020-12-15. Describing and understanding the world in the long nineteenth century, History of Mathematics: A Global Cultural Approach, Mathematisches Forschungsinstitut Oberwolfach, Oberwolfach.

144. 2019-12-10. Statistical mechanics and the rise of relativistic cosmology, Empirical space, conceptual space, University of Nantes, Nantes.

143. 2019-07-26. Stargas models of the universe and the rise of statistical astronomy, Cosmic Stories: Astrophysics and the Invention of Cosmology in the Early 20th Century, History of Science Society Annual Meeting, Utrecht.

142. 2019-05-27. Eddington's approach to star-streams and the structure of the universe, Eddington Centennial, IPC/Paris Observatory, Paris.

141. 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.

140. 2018-05-11. Mathematization of cosmology from Kelvin to Einstein, 31e Séminaire national d'histoire des mathématiques, Escola Superior de Educação de Viseu, Viseu.

139. 2017-11-30. L'épistémologie et l'histoire des sciences et des techniques vues par les robots, Séminaire du Centre François Viète (site de Brest), Université de Bretagne Occidentale, Brest.

138. 2017-11-28. Le destin cosmique d'après Poincaré et Jeans, Séminaire SPHERE, Histoire et philosophie de la physique, Université Paris Diderot, Paris.

137. 2017-11-12. Mathematics and the wireless world, Session "Between utility and discipline in interwar physics", History of Science Society Annual Meeting, Toronto.

136. 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.

135. 2017-07-23. Clock transport, Hertzian waves, and the reality of time dilation, Symposium: The history of measurement, definition and uses of time in science and technology, 25th International Congress of History of Science and Technology, Rio de Janeiro.

134. 2017-03-30. Electron theory, ether, and spacetime, 1904-1919, Ether and modernity, University of the Basque Country, San Sebastian.

133. 2017-01-24. A scholarly online edition of scientific manuscripts: The Henri Poincaré Papers website, Abteilung für Geschichte der Naturwissenschaft und Technik, Universität Stuttgart, Stuttgart.

132. 2016-12-09. The theory of wireless devices, 1906-1922, Interactions of interwar physics workshop, Central European University, Budapest.

131. 2016-11-22. Historical approaches to early wireless technology (1906-1929), History Colloquium, National Museum of American History, Washington DC.

130. 2016-10-14. La sémantisation des objets qui nous échappent: un survol des problématiques, Sémantisation des objets qui nous échappent, Université de Nantes, Nantes.

129. 2016-08-27. Digital projects in French EHST, d|HPS consortium Annual Meeting, University of Oklahoma, Norman.

128. 2016-05-20. Science and technology in Göttingen's golden era: the first Wolfskehl lectures, A richer picture of mathematics: a symposium in honor of Professor David Rowe, Johannes-Gutenberg Universität Mainz, Mainz.

127. 2015-11-23. Poincaré on clocks and radio waves in the ether, Session Sa4, New perspectives on the ether in early twentieth-century physics and art, Annual Meeting, History of Science Society Annual Meeting, San Francisco.

126. 2015-11-12. Les modèles de la structure de l'univers vers 1915, Colloque Cathy Dufour 2015, La relativité générale a 100 ans et alors?, Université de Lorraine, Nancy.

125. 2015-11-04. Les voyages d'Alfred Robb : de l'effet Zeeman à la géométrie optique du mouvement, Séminaire "Histoire de la lumière", SPHERE–GDHSO–CAPHES, Paris.

124. 2015-10-28. Mathematical models of the Milky Way, from Kelvin and Kapteyn to Poincaré, Jeans and Einstein, Workshop on models and visualization in the mathematical and physical sciences, Mathematisches Forschungsinstitut Oberwolfach, Oberwolfach.

123. 2015-10-20. Modèles mathématiques de la Voie lactée, de Kelvin et Kapteyn à Poincaré et Jeans, Séminaire d'histoire des mathématiques du Laboratoire de Mathématiques Jean Leray, Université de Nantes, Nantes.

122. 2015-10-12. Scientist-engineers, electron theory, and early wireless technology, Interactions of Interwar Physics: Technology, Instruments and Other Sciences, Cohn Institute, University of Tel Aviv, Tel Aviv.

121. 2015-09-15. Sciences et techniques à l'époque postmoderne : l'histoire de la télégraphie sans fil, Séminaire du Centre François Viète, Université de Nantes, Nantes.

120. 2015-07-06. Radio telemetry and the birth of spacetime conventionalism, Fourth Physics and Philosophy Conference, University of Split, Split.

119. 2015-06-17. L'ordre rationnel contre l'ordre logique au début du XXe siècle : Poincaré lecteur de Cournot, Journées d'étude "La transversalité de la notion d'ordre au XIXe siècle : Sciences, philosophie et art", Université de Nantes, Nantes.

118. 2015-01-27. Essaims d'étoiles et masses gazeuses : Le chemin de Poincaré vers la théorie ergodique, Séminaire du Centre François Viète, Université de Nantes, Nantes.

117. 2014-11-19. Star-streams and the mixing problem: Probabilistic methods in early 20th-century cosmology, 25th Novembertagung in History of Mathematics, Université de Lorraine, Nancy.

116. 2014-09-05. Modeling the space of mathematical invention with the online edition of Poincaré's papers, Symposium on Mathematical correspondences and critical editions, 6th International Conference of the European Society for the History of Science, Lisbon.

115. 2014-09-03. Scholarly annotation with LaTeXML, Annual meeting, Digital HPS Consortium, Université de Lorraine, Nancy.

114. 2014-05-07. Poincaré on clocks in motion, Arbeitsgruppe Geschichte der Mathematik und der Naturwissenschaften, Fachbereich 08 Physik, Mathematik und Informatik, J.-Gutenburg-Universität Mainz, Mainz.

113. 2013-11-29. L'édition critique en ligne : des pratiques en évolution, Usages des sources numériques en histoire des sciences et des techniques, Cité des sciences et de l'industrie, Paris.

112. 2013-11-23. Poincaré's probabilistic approach to planetary physics and cosmology, Interrogating the cosmos with mathematical imaginings and physical intuitions, 1880-1965: Bridging disciplinary and cultural divides, History of Science Society Annual Meeting, Boston.

111. 2013-09-07. Digital HPS in France: An overview, d|HPS Consortium Annual Meeting, Indiana University, Bloomington.

110. 2013-07-22. Poincaré's triple-dip cone: relativity, geodesics, and wireless technology at the World's Fair in Saint Louis, Symposium 107, Poincaré's Méthodes nouvelles de la mécanique céleste in historical context: bridging the frontiers of knowledge in mathematics, astronomy and wireless technology, 1892-1914, 24th International Congress of History of Science, Technology and Medicine, Manchester.

109. 2013-06-14. Poincaré's lectures on the new mechanics: from St. Louis (1904) to Göttingen (1909), Colloquium on the history of modern mathematics and theoretical physics, Fachbereich 08 Physik, Mathematik und Informatik, J.-Gutenburg-Universität Mainz, Mainz.

108. 2013-05-28. Unity of knowledge and crisis in mathematical physics: Poincaré at the World's Fair in Saint-Louis, History Colloquium, National Museum of American History, Washington DC.

107. 2012-11-30. Relativity in France: from Langevin to Poincaré, and back, Colóquios do MAP, Instituto de Matemática e Estatística, Universidade de São Paulo, São Paulo.

106. 2012-11-28. Poincare, Hertz, and Hertzian waves, Colóquio comemorativo do Centenário da Morte de Henri Poincaré, Instituto nacional de matémática pura e aplicada, Rio di Janeiro.

105. 2012-11-15. Poincaré, Langevin, et le groupe de Lorentz, Séminaire "Science et Société", IUT Nancy-Charlemagne, Université de Lorraine, Nancy.

104. 2012-07-03. Intuition and axiomatics in early 20th-century physics, Project "The physics of principles", Centro de Filosofia das Ciências da Universidade de Lisboa, Lisbon.

103. 2012-05-19. Poincaré's discovery of the Lorentz Group and its upshot for twentieth-century physics, Poincaré Meeting, London Mathematical Society, London.

102. 2012-05-02. Que serait Henri Poincaré sans les archives ?, Séminaire des Archives Henri Poincaré, LHPS–Archives Poincaré (CNRS, UMR 7117), Nancy.

101. 2012-04-10. The discovery of the Lorentz group and its interpretation by Poincaré and Einstein, Conceptual History of Mathematics, Universidade de São Paulo, Ubatuba.

100. 2012-04-09. The sources of Alfred A. Robb's Optical Geometry, Conceptual History of Mathematics, Universidade de São Paulo, Ubatuba.

99. 2012-03-30. La découverte du groupe de Lorentz par Poincaré et ses conséquences en physique théorique, Séminaire d'histoire des mathématiques, Institut Henri Poincaré, Paris.

98. 2012-01-05. Le physicien parfait selon Henri Poincaré, Colloque : Vers une biographie de Henri Poincaré, Maison des sciences de l'homme lorraine, Nancy.

97. 2011-11-15. Le corpus électronique Henri Poincaré et ses enjeux, Séminaire "Le goût de l", Observatoire de Paris - SYRTE (CNRS/UPMC), Paris.

96. 2011-11-08. Relativity and the true shape of lightwaves from Einstein to Schlick, HPS colloquium. Reilly Center, University of Notre Dame, South Bend.

95. 2011-11-05. Relativity in Cambridge dynamics: the sources of A. A. Robb's Optical Geometry of Motion, Session "How physicists learned to love abstraction, from Helmholtz and Poincaré to Robb, Planck, and Einstein", History of Science Society Annual Meeting, Cleveland.

94. 2011-07-19. Beyond Poincaré and Einstein: A. A. Robb's theory of space and time, 14th Congress on Logic, Methodology, and Philosophy of Science, B3, Historical Aspects in the Philosophy of Science, International Council for Science, DLMPS, Nancy.

93. 2011-04-14. Henri Poincaré Edition Project, HPS Digital Editions Workshop, Einstein Papers Project (Caltech) and Embryo Project (ASU), Pasadena.

92. 2011-01-27. Poincaré and Einstein on lightwaves and the foundation of spacetime physics, Colloquium "Poincaré, philosopher of science: problems and perspectives", Centro de Filosofia das Ciências da Universidade de Lisboa, Lisbon.

91. 2010-12-10. Light-figures as heuristic devices in the early history of relativity, Workshop "Heuristics in physics", Deutsche Physikalische Gesellschaft, FV Geschichte, Physikzentrum, Bad Honnef.

90. 2010-11-18. Scientific correspondance in Belle-Epoque Paris: Henri Poincaré and friends, Session "Scientific Correspondence", 4th European Society for the History of Science Annual Meeting, Barcelona.

89. 2010-06-17. Le projet Poincaré : un survol, Maison des sciences de l'homme lorraine, Nancy.

88. 2010-05-29. German relativity in Belle-Epoque Paris, Colloquium: Poincaré, Hilbert, and the Foundations of Physics, Johannes Gutenberg-Universität Mainz, Mainz.

87. 2010-03-26. L'espace-temps conventionnel et l'atome du temps chez Poincaré, Colloque "Espace et temps", Université Henri Poincaré, Nancy.

86. 2010-03-23. Theoretical physics and relativity in Paris during the Belle Époque, Colloquium "Mathematics meets physics: local and global aspects", Sächsische Akademie der Wissenschaften zu Leipzig.

85. 2010-03-04. Discipline and style in relativity theory, 1905-1915, Workshop "Disciplines and styles in pure mathematics, 1800-2000", Mathematisches Forschungsinstitut Oberwolfach.

84. 2009-11-21. Conventionalism in practice: Einstein and Poincaré on the shape of lightwaves, Session "Scientific Conventionalism in Third-Republic France", History of Science Society Annual Meeting, Phoenix.

83. 2009-09-26. Moritz Schlick's reading of Poincaré's theory of relativity, 2. Internationales Moritz-Schlick-Symposion, Ursprünge und Entwicklung seines Denkens, Institut für Philosophie, Universität Rostock, Rostock.

82. 2009-08-28. Geometrical methods in relativity from Poincaré to Minkowski, Colloque franco-brésilien, Formes - algèbres - géométries, Universidade Federal do Rio de Janeiro.

81. 2009-08-24. La lecture des étoiles : les lettres d'Henri Poincaré en mécanique céleste, Journée Poincaré, Universidade Federal do Rio de Janeiro.

80. 2009-08-01. Henri Poincaré's approach to astronomy, Session: Interactions between mathematics and the natural sciences: scientific realities and social representations (1750-1950), 23rd ICHST, Budapest.

79. 2009-05-25. Henri Poincaré's scientific outlook, Department of mathematical sciences, Agder University, Kristiansand.

78. 2009-03-13. Les premiers modèles de la cinématique relativiste, Colloque: Images et diagrammes scientifiques, Université Henri Poincaré, Vandoeuvre.

77. 2009-03-06. Présentation du Tome 3 de la Correspondance de Henri Poincaré, Journée d'études "Poincaré et l'astronomie" du séminaire d'histoire des mathématiques, Institut Henri Poincaré, Paris.

76. 2009-03-06. Y a-t-il une histoire sociale des mathématiques de Poincaré ?, Journée d'études "Poincaré et l'astronomie" du séminaire d'histoire des mathématiques, Institut Henri Poincaré, Paris.

75. 2009-01-26. Les origines de la cinématique relativiste, Colloque "Histoire des mathématiques (physique mathématique et géométrie)", Université de Cergy-Pontoise, Cergy-Pontoise.

74. 2009-01-22. Hermann Minkowski's approach to relativity, Graduiertenkolleg "Mathematische Strukturen in der modernen Quantenphysik", Georg-August-Universität, Göttingen.

73. 2009-01-21. The prehistory of Thomas precession in relativistic kinematics, Quantum history project, Max Planck Institute for the history of science, Berlin.

72. 2009-01-12. Hermann Minkowski and theoretical physics in Göttingen, Mathematics at the Turn of the 20th Century: Explorations and Beyond, Erwin Schrödinger Institute, Vienna.

71. 2008-11-07. Cambridge dynamics and German relativity, 1907-1915, Session "Divergent struggles in the evolution of relativity", joint annual meeting of the History of Science Society and the Philosophy of Science Association, Pittsburgh.

70. 2008-09-22. How did Minkowski discover spacetime?, International conference "Beyond Einstein: historical perspectives on geometry, gravitation, and cosmology in the twentieth century", Johannes Gutenberg-Universität Mainz.

69. 2008-09-11. The scandal of spacetime, Space and Time 100 Years after Minkowski, 414th WE-Heraeus-Seminar, Physikzentrum Bad Honnef, Bad Honnef.

68. 2008-06-19. Cinématiques et diagrammes relativistes au début du XXe siècle, Séminaire du LUTH, Observatoire de Paris, Meudon.

67. 2008-05-28. It's only a model: Spacetime geometry in the transition from Galilean to relativistic kinematics, History of mathematics in the early 20th century: the role of transition, Mathematisches Forschungsinstitut Oberwolfach.

66. 2008-04-11. Minkowski et le scandale de l'espace-temps, Séminaire Riemann, ENS-Ulm, Paris.

65. 2008-01-16. Hermann Minkowski and the scandal of spacetime, Erwin Schrödinger Institute, Vienna.

64. 2007-11-06. Hermann Minkowski et le scandale de l'espace-temps, Séminaire d'histoire des sciences de l'Association algérienne de physique, Université des sciences et de la technologie Houari Boumediène, Alger.

63. 2007-11-03. The scandal of spacetime, Session: Beyond Einstein-contextualizing the theory of relativity, History of Science Society annual meeting, Arlington, VA.

62. 2007-09-25. Electronic editions of scientific manuscripts: an overview, Workshop "Editing scientific manuscripts", Université de Nancy, Nancy.

61. 2007-09-18. La correspondance d'Henri Poincaré en-ligne : enjeux pour l'historien des sciences, Journée d'études "Usages des sources numériques en histoire des sciences et des techniques," Cité des sciences et de l'industrie, Paris.

60. 2007-07-17. Poincaré's electrodynamics from Maxwell to Minkowski, Oberseminar Geschichte der Mathematik, Institut für Mathematik, Johannes Gutenberg-Universität, Mainz.

59. 2007-05-24. Poincaré's brief for Galilei spacetime, Institute for History and Foundations of Science, Universiteit Utrecht.

58. 2007-04-18. "Die dreidimensionale Geometrie wird ein Kapitel der vierdimensionalen Physik": Minkowski and the temptation of geometry, Colloque "Qu'est-ce que la géométrie aux époques modernes et contemporaines ?", Centre International de Rencontres Mathématiques, Luminy.

57. 2006-11-09. From space to spacetime: convention and relativity in Poincaré's physics, Philosophy seminar, University of Washington.

56. 2006-11-03. Henri Poincaré's correspondence with physicists, chemists, and engineers, Session "Scientific Correspondence", History of Science Society Annual Meeting, Vancouver.

55. 2006-05-11. La géométrisation en relativité restreinte, Séminaire CPER Rhône-Alpes, Maison des Sciences de l'Homme, Grenoble.

54. 2006-04-19. Henri Poincaré online: a concrete example of virtual archives, International conference "Future Proof III Scientific Archives", Université Louis Pasteur, Strasbourg.

53. 2005-12-13. Who's a conventionalist? Poincaré's correspondence with physicists, Mathematics in the physical sciences, 1650-2000, Mathematisches Forschungsinstitut Oberwolfach, Oberwolfach.

52. 2005-10-29. Géométrie et relativité selon Poincaré et Einstein (1905–1921), Colloque "Le réalisme en physique", Université de Caen, Caen.

51. 2005-10-19. Poincaré in a heated sphere, Workshop "Philosophy of space and time at the end of the 19th century", Universität Johann Wolfgang Goethe, Rauischholzhausen.

50. 2005-08-30. The cash value of conventionalism: Henri Poincaré on geometry and physical relativity, International workshop "History of modern and contemporary geometry", Centre international de recherches mathématiques, Luminy.

49. 2005-07-25. Space, time, gravitation, and spacetime from Poincaré to Einstein, 22d International Congress on the History of Science, Beijing.

48. 2005-07-07. The making of "It's all relative, Professor Poincaré", Scientific meeting "Discovery, Creativity and Innovation: Einstein", Universität Bern, Bern.

47. 2005-06-15. The positive value of conventionalism: Poincaré's principle of physical relativity, Oberseminar Geschichte der Mathematik, Fachbereich Physik, Mathematik und Informatik, Johannes Gutenberg-Universität, Mainz.

46. 2005-02-24. Sharpening hypotheses: vectors in the history of special relativity, International meeting on the significance of the hypothetical in the natural sciences, Eberhard Karls Universität Tübingen, Tübingen.

45. 2004-11-23. Science et hypothèse en relativité : le rôle du langage formel, Cycle d'histoire des sciences, Université de Rouen, Rouen.

44. 2004-10-16. Henri Poincaré du Lycée de Nancy à l'Académie Française, Société d'histoire de Nancy, MJC Lillebonne, Nancy.

43. 2004-06-25. Comment on F. Steinle's paper, International congress "Rethinking the comparative evaluation of scientific theories," Université Nancy 2, Nancy.

42. 2004-05-22. Poincaré's physical rehabilitation of mathematics, Henri Poincaré: 150th anniversary commemoration, Open University, Milton Keynes.

41. 2004-04-30. La réhabilitation des mathématiques en physique : Henri Poincaré et la relativité, Colloque "150 ans Henri Poincaré", Société française de physique, Université Henri Poincaré, Nancy.

40. 2003-12-16. Poincaré et la géométrie de l'espace physique, Centre François Viète, Université de Nantes, Nantes.

39. 2003-07-03. National and professional traditions in relativity: the case of Minkowskian relativity, Workshop on Poincaré and topology, Mathematisches Forschungsinstitut, Oberwolfach.

38. 2003-07-02. Poincaré's scientific correspondence, Workshop on Poincaré and topology, Mathematisches Forschungsinstitut, Oberwolfach.

37. 2003-02-26. Autour des archives anciennes de Bourbaki, table ronde : Mathématiques en ligne, conception et utilisation (avec L. Guillopé et D. Frydman), Séminaire d'histoire des mathématiques de l'Institut Henri Poincaré, Paris.

36. 2002-12-18. Poincaré en ligne : l'édition électronique de sa correspondance, Il y a 100 ans, La Science et l'Hypothèse, Institut Henri Poincaré, Paris.

35. 2002-06-29. Lessons of Lorentz-covariant gravitation theory, 1905–1910, 6th International Congress on the History of General Relativity, University of Amsterdam, Amsterdam.

34. 2002-06-10. Gravitation et relativité, 1900–1915, Séminaire doctoral du LORIA, Université Henri Poincaré, Nancy.

33. 2002-04-24. Leçons de la gravitation relativiste, 1905–1910, Séminaire du D.E.A. de philosophie "Objets lointains", Université Lille 3, Lille.

32. 2002-04-16. Poincaré et les physiciens, 127e congrès national des sociétés historiques et scientifiques, Nancy.

31. 2001-07-20. Triumph of the hyperminkowskian: 4-vectors and gravitation, 1905–1910, History of Mathematics, Joint meeting of the Société Mathématique de France and the American Mathematical Society, Lyon.

30. 2001-06-25. Relativity and gravitation, 1905-1910, Philosophy of science seminar, Technische Universität, Berlin.

29. 2001-04-24. Le sens de la méthode, Séminaire REHSEIS d'histoire de la physique, Université Paris 7.

28. 2001-03-07. Le temps en relativité restreinte, Cycle de conférences sur le temps, Goethe Institut, Nancy.

27. 2001-01-10. Hermann Minkowski et son monde : mathématiciens et relativité, 1905–1915, Journée d'études sur Hermann Minkowski, Séminaire d'histoire des mathématiques de l'Université Paris 6, Institut Henri Poincaré, Paris.

26. 2000-06-30. The meaning of method: Poincaré vs. Minkowski on the relativistic law of gravitation, History of Mathematics Seminar "Heidelberg-Nancy-Strasbourg", Universität Heidelberg, Heidelberg.

25. 2000-05-15. Sources and methods in the history of relativity, Workshop on Mathematics and Physics: 1900–1930, Mathematisches Forschungsinstitut, Oberwolfach.

24. 2000-02-01. Breaking in the 4-vectors:On the emergence of 4-dimensional electrodynamics and gravitation, Workshop on the History of the Mathematics of the 20th Century, Mathematisches Forschungsinstitut, Oberwolfach.

23. 1999-10-13. Une révolution scientifique ? : recherches récentes sur la théorie de la relativité restreinte, Centre François Viète, Université de Nantes, Nantes.

22. 1999-07-11. The non-Euclidean style of Minkowskian relativity, 5th International Congress on the History of General Relativity, University of Notre Dame, South Bend.

21. 1998-05-27. Crisis in disciplinary identity : The case of relativity theory, Oberseminar, Fachbereich Mathematik, Johannes Gutenberg-Universität, Mainz.

20. 1998-05-04. The role of discipline in the reception of relativity theory, Polytechnic University, Brooklyn.

19. 1998-04-30. Discipline in relativity theory, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin.

18. 1997-06-04. La solution de Kaluza au paradoxe d'Ehrenfest, Journées d'étude "Dimension, dimensions", Maison des Sciences de l'Homme, Paris.

17. 1996-06-13. Le style de Paul Langevin en physique relativiste, Colloque Paul Langevin, École supérieure de physique et de chimie industriellesde la ville de Paris, Paris.

16. 1996-04-24. Des formes cinématiques aux formes géométriques : une histoire sociale de la géométrisation de la théorie de la relativité, Cycle de conférences "Einstein", École polytechnique fédérale de Lausanne, Lausanne.

15. 1996-03-18. Early non-Euclidean interpretations of the special theory of relativity, Conference and workshop "Physics and geometry, 1900–1930", Open University, Milton Keynes.

14. 1996-03-15. Physical geometry in Göttingen from Riemann to Hilbert, Conference and workshop "Physics and geometry, 1900–1930", Open University, Milton Keynes.

13. 1996-03-11. Relativity without physics: Hermann Minkowski's 1908 lecture on space and time, Seminar in the history and philosophy of science, University College London.

12. 1996-02-12. L'adaptation de la relativité restreinte à la géométrie non-euclidienne, 1907–1915, Séminaire "Histoires de géométries", École des Hautes Études en Sciences Sociales, Paris.

11. 1996-02-10. La géométrie est-elle une science expérimentale ? : la polémique entre les mathématiciens de Göttingen et Henri Poincaré, History of Mathematics Seminar "Heidelberg-Nancy-Strasbourg", Université Nancy 2, Nancy.

10. 1996-02-02. Des mondes différents : l'interprétation géométrique de la Relativité restreinte à travers les disciplines, Séminaire conjoint REHSEIS-UPR 21 d'histoire, philosophie et fondements de la physique, Université Paris 7.

9. 1995-08-02. Minkowski, mathematicians, and the mathematical theory of relativity, 4th International Conference on the History of General Relativity, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin.

8. 1995-03-21. Minkowski et son monde : mathématiciens et relativité, 1905–1909, Séminaire REHSEIS d'épistémologie et histoire de la physique, Université Paris 7, Paris.

7. 1995-02-17. Henri Poincaré élève de physique à l'École polytechnique, 1873–1875, Séminaire du LUTH, Observatoire de Meudon, Meudon.

6. 1994-06-28. La physique théorique en France, 1900–1930, Journée d'études REHSEIS, CNRS/Université Paris 7, Orsay.

5. 1994-05-18. Henri Poincaré's student notebooks, 1870–1878, Henri Poincaré Congress, Université Nancy 2, Nancy.

4. 1994-03-15. Le cours de physique à l'École polytechnique en 1874 et son influence sur Henri Poincaré, Séminaire REHSEIS d'épistémologie et histoire de la physique, Université Paris 7, Paris.

3. 1994-01-11. Henri Poincaré et la géométrie non-euclidienne, 1880–1912, Séminaire REHSEIS d'histoire des mathématiques, Université Paris 7, Paris.

2. 1993-06-24. Henri Poincaré et le principe de relativité : la quatrième dimension, Séminaire de mathématiques, Université Claude Bernard (Lyon II), Lyon.

1. 1993-06-17. Henri Poincaré et le principe de relativité, Journée d'études REHSEIS, Université Paris 11, Orsay.