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CURRICULUM VITAE

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Degrees and Academic Qualifications

- 1993 Dr.rer.nat.habil. in History of Science, Faculty of Mathematics, Ludwig-Maximilians-Universität (LMU), Munich
- 1983 Ph.D., History of Science, Hebrew University, Jerusalem
- 1981 Degree (*Laurea*) in Philosophy, University of Pisa
- 1979 M.Sc. in History and Philosophy of Science, Hebrew University, Jerusalem
- 1974 B.Sc. in Physics and Mathematics, Hebrew University, Jerusalem

Academic Positions

Present

Since 2002 Professor (full), Chair of History of Science, Gabriele D'Annunzio University, Chieti

Previous

- 1987-2002 Faculty, Institute/Chair of History of Science, Ludwig-Maximilians-Universität (LMU), Munich:
 - 2001-2002 *Außerplanmäßiger Professor*
 - 1997-1998 Professor ("C3" – associate professor level)
 - 1994-2001 *Privatdozent*
 - 1987-1997 *Wissenschaftlicher Assistent* (assistant professor level)

Additional

- 1995-96 Fellow, The Harvard University Center for Italian Renaissance Studies, Villa I Tatti, Florence
- 1995 Visiting Professor, Libera Università Internazionale degli Studi Sociali (LUISS), Rome, Department of Political Science
- 1994 Visiting Professor, University of Milan, Department of Philosophy
- 1986-87 Guest scholar, Deutsche Copernicus-Forschungsstelle, Deutsches Museum, Munich
- 1982-84 Post-doctoral Fellow in History of Science, Tel Aviv University
- 1979-82 Post-graduate Fellow in Philosophy, Scuola Normale Superiore, Pisa
- 1976-77 Teaching Assistant, Hebrew University, Jerusalem, History of Physics laboratory
- 1974 Research Fellow, Jülich Kernforschungsanlage, Germany

Awards

Grants:

1995-96	Lila Wallace – Reader’s Digest Endowment Fund
1979-83	Scuola Normale Superiore, Pisa
1977-79, 1990	Italian Foreign Ministry
1974	DAAD (Deutscher Akademischer Austauschdienst)

Prize: 1992, Deutsches Museum Prize for the book *In the Wake of Galileo*

Languages: Italian (native language); full proficiency in English, French, German, Hebrew

Additional Professional Activities

- **Member of the board**, CISUI (Centro Interuniversitario per la Storia delle Università Italiane), Bologna
- **Member of the Council**, IQSCS (Centre for Quantum Social and Cognitive Science), University of Leicester
- 1986-2011: **Collaboration** with the Deutsches Museum in Munich
 - 1997-2011: Member of the Münchner Zentrum für Wissenschafts- und Technikgeschichte at the Deutsches Museum
- **Membership of editorial boards and scientific committees:** *Transversal: International Journal for the Historiography of Science; Science, Religion and Culture; Studi Medievali e moderni*; “Studi” series of the CISUI; *Annali di Storia delle Università Italiane*; Koinos Logos series, Carabba Publisher
- **Consultant and refereeing works** for: National Science Foundation (USA); MIUR (Italian Ministry of Education); Tel Aviv University; UCLA; University of Augsburg; LMU Munich; Yad Hanadiv (Israel). **Publishers:** Beck (Munich); Birkhäuser (Basel). **Journals:** *Isis; Kultur und Technik; Physis; Learning for Democracy; Science, Religion and Culture*
- Numerous invited and fully reimbursed **lectures** in various countries
- **Organization** of various international **conferences** and workshops
- **Erasmus** teaching at the universities of Munich, Riga, Reykjavik, and Akureyri
- **On the Italian freelance journalists’ register** (*Albo dei Pubblicisti*). Collaboration with the Italian newspapers *il Giornale, il Giornale del Piemonte, Gazzetta d’Alba*

Other Activities

1998-2006: Member of the Italian Civil Defence Corps (*Protezione Civile*)

- 1999: Volunteer in Albania following the Kosovo war (*Missione Arcobaleno*)

PUBLICATIONS

Books and Articles longer than 100 pp.

- *Higher Education and the Growth of Knowledge: A Historical Outline of Aims and Tensions*. New York: Routledge, 2015.
- *L'università aperta e i suoi nemici: radici storiche critica razionale*. Lanciano: Carabba, 2013.
- *Accademia e società: conversazioni con Joseph Agassi*. Soveria Mannelli: Rubbettino, 2004.
- *Experimente, die Geschichte machten* (with J. Teichmann and W. Schreier). Munich: Bayerischer Schulbuch-Verlag, 1995.
- "Peano's Axioms in their Historical Context," *Archive for History of Exact Sciences* 48 (1994): 201-342.
- *Nel segno di Galileo: la scuola galileiana tra mito e storia*. Bologna: Il Mulino, 1993. (Italian translation of *In the wake of Galileo*)
- *In the wake of Galileo*. New Brunswick: Rutgers University Press, 1991.

Edited

- *Jews and Universities*, *Annali di storia delle università italiane* 24/1, 2020, pp. 1-170
- *I limiti della razionalità: scritti in onore di Joseph Agassi* (ed. with Martina Del Castello). Lanciano: Carabba, 2013
- *Der ungebändigte Galilei* (with E. Knobloch). Stuttgart: Franz Steiner Verlag, 2001
- *Joseph Agassi: Scienza, metodologia e società*. Rome: LUISS edizioni, 2000.

Articles

Peer-Reviewed:

- "The Jewish origins of the academic title," *Annali di storia delle università italiane* 24/1 (2020): 5-12
- "Galileo and the Medici: Post-Renaissance Patronage or Post-Modern Historiography?" *Transversal: International Journal for the Historiography of Science* 2 (2017): 226-232.
- "Le origini del titolo accademico: una nota a Catherine Hezser." *Annali di Storia delle Università Italiane* 20/2 (2016): 95-101.

- “Four Centuries Later: How to Close the Galileo Case?” *Physis* 48 (2011-2012): 53-65.
- “Science in the Piazza.” *Studi Medievali e Moderni*, 25 (2009):185-191.
- “Il Caso Galileo: una questione chiusa?” *Nuncius* 19/2 (2004): 733-747. See also “Letter to the editor.” *Nuncius* 21/1 (2006): 229.
- “Zwischen Trient und Vatikanum II: Der Fall Galilei.” *Berichte zur Wissenschaftsgeschichte* 26 (2003): 129-136.
- “Galileo: a ‘rehabilitation’ that has never taken place.” *Endeavour* 23/1 (1999): 20-23.
- “Le biografie scientifiche all'alba della scienza moderna.” *Intersezioni* 18 (1998): 403-416.
- “Light on the Galileo Case?” *Isis* 88 (1997): 484-504.
- “Le lettere di Giuseppe Peano a Felix Klein.” *Nuncius* 12 (1997): 109-122.
- “La ‘rehabilitación’ de Galileo; un punto de vista popperiano.” *Galileo* 13 (May 1996): 3-7.
- “The International Computer Catalog of Medieval Scientific Manuscripts” (with M. Folkerts and A. Kühne). *Nuncius* 7 (1992): 167-171.
- “Die Accademia del Cimento - Wissenschaft zwischen Kirche und Politik.” *Historisches Jahrbuch der Görres-Gesellschaft* 111 (1991): 148-154.
- “Redondi's Theory and New Perspectives in Galilean Studies.” *Archives Internationales d'Histoire des Sciences* 40 (1990): 3-10.
- “Viviani's Life of Galileo.” *Isis* 80 (1989): 207-231.
- “Galileo, Viviani and the Tower of Pisa.” *Studies in History and Philosophy of Science* 20 (1989): 435-451.
 - Hungarian transl., “Galileo, Viviani és pizai torony.” *Maygar Tudomány* (1991): 103-111.
- “Der Aufbau einer Datenbank für die Geschichte der europäischen Mathematik Mittelalter und der Renaissance” (with M. Folkerts and A. Kühne). *Berichte zur Wissenschaftsgeschichte* 11 (1988): 256-260.
- “Galileo as a Politician.” *Sudhoffs Archiv* 72 (1988): 69-82.
- “Torricelli's Correspondence on Ballistics.” *Annals of Science* 40 (1983): 489-499.
- “The Role of Experiment in Galileo's Physics.” *Archive for History of Exact Sciences* 23 (1980): 227-252.
 - Reprinted in *Storia della fisica e didattica* (Pavia: Università di Pavia, 1988): 53-78.
 - Portuguese transl., “O papel do experimento na física de galileu,” *Caderno de Física da Uefs* 06 (01 e 02, 2008): 87-114.

Book Chapters

- “Scienza e giustizia – giustizia e scienza.” In: U. Bultrighini, E. Dimauro (eds.), *Pensare giustizia tra antico e contemporaneo* (Lanciano: Carabba, 2019), pp. 651-657.
- “Critical Rationalism as Therapy.” In: N. Bar-Am, S. Gattei (eds.), *Encouraging Openness, Essays for Joseph Agassi on the Occasion of His 90th Birthday*. Boston Studies in the Philosophy and History of Science 325 (Cham: Springer, 2017): 529-541.
- “Kuhn, Meritocracy, and Excellence.” In: A. Blum, K. Gavrolu. C. Joas. J. Renn (eds.), *Shifting Paradigms: Thomas S. Kuhn and the History of Science* (Berlin: Edition Open Access, 2016), pp. 258-263.
- “The Limits of Rationality in Mathematics: Some Historical Salient Points.” In: M. Del Castello & M. Segre (eds.), *I limiti della razionalità: scritti in onore di Joseph Agassi* (Lanciano: Carabba, 2013): 103-110.
- “Verso un'università democratica.” In: A. Borghini and S. Gattei (eds.), *Karl Popper oggi: una riflessione multidisciplinare* (Livorno: Salomone Belforte & C., 2011): 265-274.
- “Riflessioni sull’attualità delle scoperte del 1610.” *Atti e Memorie dell’Accademia Petrarca di Lettere Arti e Scienze*. N.S. 72-73 (2010-2011): 307-314.
- “Vite di scienziati, Vite d’artisti.” In: E. Fumagalli, A. Nova, M. Rossi (eds.), *Firenze milleseicentoquaranta: arti, lettere, musica, scienza* (Venice: Marsilio, 2010): 37-45.
- “Applying Popperian Didactics.” In: Z. Parusniková and R. S. Cohen (eds.), *Rethinking Popper* (Springer Science + Business Media, 2009): 389-395.
- “Karl Poppers axiomatische Wahrscheinlichkeitstheorie: Die Mathematik als Hilfsmittel der Wissenschaftstheorie.” In: Joseph Dauben et al. (eds.), *Mathematics Celestial and Terrestrial: Festschrift für Menso Folkerts zum 65. Geburtstag* (Halle: Deutsche Akademie der Naturforscher Leopoldina, 2008); 647-654.
- “Galilei und die Medici: Post-Renaissance Mäzenatentum oder Postmoderne Geschichtsschreibung?” In: Gudrun Wolfschmidt (ed.), *Astronomisches Mäzenatentum* (Norderstedt: Books on Demand, 2008): 13-29.
- “Astronomy, Astrology and Historiography.” In: M. Folkerts and A. Kühne (eds.), *Astronomy as a Model for the Sciences in Early Modern Times* (Augsburg: Rauner, 2006): 115-124.
- “Galileis Empirismus: eine historiographische Ausrede?” In: F. Boockmann, D. A. Di Liscia, H. Kothmann (eds.), *Miscellanea Kepleriana. Festschrift für Volker Bialas* (Augsburg: Rauner, 2005): 89-100.
- “Whewell’s Legacy and the Art of Argumentation.” In: John Wettersten, *Whewell’s Critics. Have They Prevented Him from Doing Good?* Edited by James A. Bell (Amsterdam: Rodopi, 2004): 307-314.

- “La metafisica della propensità.” In Dario Antiseri (ed.), *Karl Popper e il mestiere dello scienziato sociale* (Soveria Mannelli: Rubbettino, 2003): 209-215
- “Popper e l’educazione.” In Stefano Gattei (ed.), *Karl R. Popper, 1902-2002: ripensando il razionalismo critico, Nuova Civiltà delle Macchine*, 20/2 (2002): 82-88.
<http://diea.ing.unibo.it/ncdm/articolo.php?id=45&numero=2&anno=2002>
- “Hielt Johannes Paul II. sein Versprechen?” In M. Segre and E. Knobloch (eds.), *Der ungebändigte Galilei* (Stuttgart: Franz Steiner Verlag, 2001): 107-111.
- “Ermeneutica ebraica, ermeneutica cattolica, tradizione e scienza.” In M. Mamiani (ed.), *Scienza e Sacra Scrittura nel XVII secolo* (Naples: Vivarium, 2001): 55-68.
- “The Never Ending Galilean Story.” In: P. Machamer (ed.), *The Cambridge Companion to Galileo*, (Cambridge: Cambridge University Press, 1998): 388-416.
- “Die frühe Biographie in der Geschichte der Mathematik.” In: W. Füßl, S. Ittner (eds.), *Biographie und Technikgeschichte BIOS*, 11 (Sonderheft, 1998): 70-77.
- “Peano, Logicism, and Formalism.” In: I. C. Jarvie and N. Laor (eds.), *Critical Rationalism, Metaphysics and Science: Essays for Joseph Agassi*. Vol. I (Dordrecht: Kluwer, 1995): 133-142.
- “Ramellis ‘Machine’: Realität oder Fiktion?” In B. Fritscher and G. Brey (eds.), *Cosmographica et Geographica, Festschrift Heribert Nobis*, 1. Halbband (Munich: Institut für Geschichte der Naturwissenschaften der Universität München, 1995): 367-372.
- “Copernicus’ Wirkung in Italien.” In: G. Wolfschmidt (ed.), *Nicolaus Copernicus - Revolutionär wider Willen* (Stuttgart: GNT-Verlag, 1994): 201-207.
- “Science at the Tuscan Court, 1642-1667.” In: Sabetai Unguru (ed.), *Physics, Cosmology and Astronomy, 1300-1700: Tension and Accommodation* (Dordrecht: Kluwer, 1991): 295-308.
- “Frühe Galilei-Historiographie - Einige neue Dokumente.” In: W. Muschik and W. R. Shea (eds.), *Philosophie, Physik, Wissenschaftsgeschichte* (Berlin: Technische Universität Berlin, 1989): 12-29.
- “Max und Emmy Noether.” In: W. Weigand, M. Treml, E. Brockdorff (eds.), *Geschichte und Kultur der Juden in Bayern: Lebensläufe* (Munich: Haus der Bayerischen Geschichte, 1988): 179-182.

Entries in Encyclopedias and Reference Guides

- “Galilei, Galileo.” In *Reader’s Guide to the History of Science* (London: Fitzroy Dearborn, 2000): 274-277.
- “Galilean School.” In *Reader’s Guide to the History of Science* (London: Fitzroy Dearborn, 2000): 273-274.

- “Torricelli.” In: *Encyclopedia of the Scientific Revolution* (New York: Garland Publishing, 2000): 646-48.
- “Viviani.” In: *Encyclopedia of the Scientific Revolution* (New York: Garland Publishing, 2000): 674-75.
- “Galileo Galilei: ‘Und sie bewegt sich doch’, Leben und Werk eines Naturforschers und Philosophen im Widerstreit zwischen Kirche und Wissenschaft.” *Brockhaus-Infothek*, 1999.
- “Galilei und seine Schüler.” In: Karl v. Meÿenn (ed.), *Die Grossen Physiker*, Vol. 1 (Munich: Beck, 1997): 146-156.

Introductions

- “Introduzione, *Jews and Universities*, *Annali di storia delle università italiane* 24/1, 2020, pp. 3-4
- “Prefazione.” In: Antonio Favaro, *Oppositori di Galileo*, ed. S. Gattei (Lanciano: Carabba, 2018), pp. 5-6.
- “Prefazione.” In: Teodoro Herzl, *Lo Stato Ebraico*, riproduzione anastatica (Lanciano: Carabba, 2016): 7-11.
- “Introduzione” (with M. Del Castello). In: M. Del Castello & M. Segre (eds.), *I limiti della razionalità: scritti in onore di Joseph Agassi* (Lanciano: Carabba, 2013): 5-7.
- “Einleitung” (with E. Knobloch). In M. Segre and E. Knobloch (eds.), *Der ungebändigte Galilei* (Stuttgart: Franz Steiner Verlag, 2001), p. 7.
- “Introduzione.” Joseph Agassi, *Scienza, metodologia e società* (Rome: LUISS edizioni, 2000): 7-14.

Other Scholarly Articles

- “Interview: Joseph Agassi” (with M. L. Condè, R. Pisano). In: *Transversal: International Journal for the Historiography of Science* 1 (2016): 124-127
- “L’immagine biblica della donna.” In: Elisabetta Dimauro *Donna nella storia: Realtà e rappresentazione dall’antico al contemporaneo* (Lanciano: Carabba, 2016), pp. 214-215, 217-218.
- “Verso una università aperta.” *Il Platano* 13 (2013): 492-497.
- “Studiare senza soffrire.” *Il Monitore* 39/4 (December 2005): 5-7.

- *Contro l'empirismo*, LUISS, Quaderni del Centro di Metodologia delle Scienze Sociali, n. 31 (1996). 16 pp.
- *Individualismo non riduzionistico*. LUISS, Quaderni del Centro di Metodologia delle Scienze Sociali, n. 33 (1997). 15 pp.
- “Schuss - und kein Treffer: Die schweren Anfänge der wissenschaftlichen Ballistik.” *Kultur & Technik* 1 (1994): 30-33.
- “Stieg Galilei auf den schiefen Turm?” *Kultur & Technik* 12/3 (1988): 165-172.

Editorial

- “History of Science in Israel” (with Y. Elkana). *Isis* 76 (1985): 7-10.

Book Reviews

- R. Pisano and Danilo Capecchi, *Tartaglia's science of weights and mechanics in the sixteenth century. Selections from Quesiti et inventioni diverse: Books VII–VIII*. *British Journal for the History of Mathematics*, 35/1 (2020): 84–85.
- J. Rubin, *Learning in a Crusader City. Intellectual Activity and Intercultural Exchanges in Acre, 1191-1291*. *Annali di Storia delle università italiane*, 22/2 (2019): 238.
- Y. M. Rabkin, *What is Modern Israel? Nuova Storia Contemporanea*, ser. II, 2 (2018): 243-244.
- C. E. McClelland, *Berlin, the Mother of All Research Universities: 1860–1918*. *Annali di Storia delle Università Italiane* 21/2 (2017): 342.
- J. Agassi, *The Very Idea of Modern Science. Francis Bacon and Robert Boyle*. *Isis* 107 (2016): 167-168.
- M. Artigas; M. Sánchez de Toca, *Galileo y el Vaticano: Historia de la Comisión Pontificia de Estudio del Caso Galileo (1981-1992)*. *Isis* 101 (2010): 249-250.
- G. Galilei, *Lettera a Cristina di Lorena. Brief an Christine von Lothringen. Italienisch-deutsch*. Übersetzt von Thomas Steinhauser. Herausgegeben und kommentiert von Michael Titzmann und Thomas Steinhauser. *Physis* 46 (2009): 338-340.
- E. McMullin (ed.), *The Church and Galileo*. *European History Quarterly* 38 (2008): 494-496.
- J. Swann; J. Pratt (eds.), *Education Research in Practice: Making Sense of Methodology*. *Qualeducazione* 68 (2005): 92.
- Ian C. Jarvie, *The Republic of Science. The Emergence of Popper's Social View of Science 1935-1945*. *Qualeducazione* 68 (2005): 92.

- V. R. Remmert, *Ariadnefäden im Wissenschaftslabyrinth. Studien zu Galilei: Historiographie-Mathematik-Wirkung*, *N.T.M.* 8 (2000): 50-51.
- B. Gemelli, *Aspetti dell'atomismo classico nella filosofia di Francis Bacon e nel Seicento*, *Sudhoffs Archiv* 82 (1999): 243.
- A. Heinekamp and I. Hein (eds.), *Leibniz und Europa*, *Sudhoffs Archiv* 80 (1997): 127.
- R. Ladous, *Des Nobel au Vatican: La fondation de l'Académie pontificale des Sciences*, *Isis* 88 (1997): 169-170.
- E. Giusti, *Euclides Reformatus*, *Sudhoffs Archiv* 79 (1995): 238-239.
- J. Agassi, *Radiation Theory and the Quantum Revolution*, *Sudhoffs Archiv* 79 (1995): 234.
- M. Bucciandini and M. Torrini (eds.), *Geometria e atomismo nella scuola galileiana*, *Archives Internationales d'Histoire des Sciences* 45 (1995): 195-196.
- S. Maffioli, *Out of Galileo. The Science of Waters 1628-1718*, *Isis* 86 (1995): 646-647.
- W. P. van Stigt, *Brouwer's Intuitionism*, *Sudhoffs Archiv* 77 (1993): 247.
- B. Fritscher, *Vulkanismusstreit und Geochemie: Die Bedeutung der Chemie und des Experiments in der Vulkanismus-Neptunismus-Kontroverse*, *Annals of Science* 50 (1992): 598-599.
- M. Yaglom, *Felix Klein and Sophus Lie*, *Sudhoffs Archiv* 75 (1991): 125-126.
- A. Manno (ed.), *Cultura, scienze e tecniche nella Venezia del Cinquecento. Atti del convegno internazionale: Giovan Battista Benedetti e il suo tempo*, *Historia Mathematica* 17 (1990): 78-80.
- B. Hughes (ed.), *Robert of Chester's Latin Translation of Al-Khwarizmi's Al-Jabr*, *Deutsches Archiv für Erforschung des Mittelalters* 46 (1990): 623.
- C. Burnett (ed.), *Adelard of Bath: An English Scientist and Arabist of the Early Twelfth Century*, *Deutsches Archiv für Erforschung des Mittelalters*, 46 (1990): 623-624.
- H. Loeffel, *Blaise Pascal 1623-1662*, *Sudhoffs Archiv* 72 (1988): 248-249.
- S. G. Gindikind, *Tales of Physicists and Mathematicians*, *Sudhoffs Archiv* 72 (1988): 244-245.