

LIVIA MARIA GIACARDI

Curriculum Vitae

Livia Giacardi earned her high school diploma at the *liceo classico* in Alba (CN) in 1970, and graduated from the University of Turin with a degree in Mathematics (with the maximum score of 110/110) in 1974. She received her qualifications for teaching Mathematics and Physics (1976) in secondary schools. She was awarded grants from Italy's National Centre for Research (CNR), working three years (1975-77) in Italy (University of Turin) and one year (1979-80) abroad with René Taton at the Centre Alexandre Koyré in Paris.

She held the position of researcher at the University of Turin from 1980 to 1988. In 1998, following a national competitive examination, she became an associate professor in the Faculty of Sciences of this University, a position she held until 2003, when she received the qualification of full professor of Elementary Mathematics from an Advanced Standpoint at the University of Turin.

She has taught courses of Elementary mathematics from an advanced standpoint, Foundations of mathematics, Calculus, Complementary mathematics, and History of mathematics at the University of Turin. She has supervised the degree theses of more than 100 students of mathematics.

She was responsible for projects funded by the Italian National Research Council (CNR) for research in the field of history of mathematics (1989, 1991, 1997), and was the coordinator of research in the history of mathematics at the University of Torino in 1989-90. At present, she collaborates with national and international groups, including the *International Group for Research on the History of Mathematics Education* and *CIRMATH on Circulations des mathématiques dans et par les journaux: histoire, territoire et publics*,

She has been part of the Steering Committee of the *CSSUT* (Centre for Studies in the History of the University of Turin) since 1990, of the Scientific Committee of *Fondazione Filippo Burzio* since 1992 (now President), one of the Directors of the *Associazione Subalpina Mathesis* since 1993.

She has been the Secretary of the Italian Society for the History of Mathematics (SISM) from its founding in 2000 to 2008, and is now a member of the Council. For the period 2003-06 she was a member of the Scientific Commission of the *Italian Mathematical Union* (UMI), and she has been re-elected for 2009-12 and 2012-2015. From 2003 to 2012 she has been a member of the *Italian Commission for Mathematics Teaching* (CIIM). At present she is a member of the INDAM Committee for the History of Mathematics and (from 4 December 2015).

She was a member of the Steering Committee of the journal *Rendiconti del Seminario Matematico dell'Università e del Politecnico di Torino* for the period 1987-90 and she has been a member of the Editorial Board of UMI journal *La Matematica nella Società e nella Cultura* from 2010 to 2015. She has been among the editors of the series *Convergenze* (UMI-CIIM, published by Springer), volumes that address themes of importance for mathematics, with special focus on aspects of history, didactics and applications. As President of the Scientific Committee of the *Fondazione Filippo Burzio* she is also one of the editors of the book series "*Studi e ricerche*" regarding the history of science and of scientific institutions in Piedmont.

She is a member of the Scientific Committee for the *Edizione Nazionale delle Opere* of R. J. Boscovich.

She has been an invited lecturer at some 150 conferences and seminars in Italy and abroad, including Basel, Helsinki, Toulouse, Braga, Tel Aviv, Madrid, Louvain, Copenhagen, Prague, Monterrey, Lille, Vienna, Caen and Lisbon). She was an invited speaker (for a lecture and a seminar) at the Bar-Hillel Colloquium for the History, Philosophy and Sociology of Science at the University of Tel Aviv (April 1998). She was a visiting professor at the University of Lille 1 (U.F.R. de Mathématiques -Laboratoire Paul Painlevé) in March 2010.

She has organised national and international conferences and seminars as well as exhibitions, including that on the history of the Faculty of Sciences of the University of Turin on the occasion of the five-hundredth anniversary of its founding. In 2008 she was a member of the International Programme Committee for the International Symposium “The First Century of the International Commission on Mathematical Instruction (1908-2008)”.

Her research interests, which have always centred around the history of mathematics, range from antiquity to the first half of the twentieth century (the spread of non-Euclidean geometry, the history of mathematics education, the scientific traditions in Turin and Piedmont, etc.). She is the author of more than 180 papers, books and CD on the history of mathematics, for both specialists and for a more general public, and she is the editor of two CDs and of three websites dedicated respectively: to documents for the history of mathematics teaching in Italy (http://www.mathesistorino.it/?page_id=838, English-Italian), to *The First Century of the International Commission on Mathematical Instruction (1908-2008)* (with F. Furinghetti) (<http://www.icmihistory.unito.it/>), to C. Segre and the Italian School of Algebraic Geometry <http://www.corradosegre.unito.it/>

PRINCIPAL PUBLICATIONS FROM 2004 TO 2017

Books

- L. GIACARDI 2004 *Francesco Faà di Bruno. Ricerca scientifica, insegnamento e divulgazione*, Torino, Deputazione subalpina di storia patria, Studi e fonti, XII (editorship, 2 essays, etc.).
- L. GIACARDI 2005 *L'opera matematica di Francesco Faà di Bruno*, CD-Rom, Torino, Dipartimento di Matematica dell'Università (Italian-English)
- L. GIACARDI (Ed.), *Da Casati a Gentile. Momenti di storia dell'insegnamento secondario della matematica in Italia*, Pubblicazioni del Centro Studi Enriques, Agorà Edizioni, La Spezia, 2006
- M. MENGHINI, F. FURINGHETTI, L. GIACARDI, F. ARZARELLO, (eds.) 2008. *The first century of the International Commission on Mathematical Instruction (1908-2008). Reflecting and shaping the world of mathematics education*, Rome, Istituto della Enciclopedia Italiana.
- L. GIACARDI, C. S. ROERO 2010 *La matematica delle civiltà arcaiche. Egitto, Mesopotamia, Grecia*, Torino, Università Popolare.
- L. GIACARDI, R. TAZZIOLI 2012, “*Pel lustro della Scienza italiana e pel progresso dell'alto insegnamento*” *Le lettere di Beltrami a Betti, Tardy e Gherardi*, Milano, Mimesis.
- A. CONTE, L. GIACARDI, P. NOVARIA 2013, *Corrado Segre (1863-1924). A 150 anni dalla nascita*, Catalogo delle Mostre documentarie - Novembre 2013 Archivio Storico dell'Università di Torino Accademia delle Scienze, Torino Kim Williams Books

Articles and essays

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- L. GIACARDI 2004 Biographies of: *Francesco Faà di Bruno, Gino Fano, Angelo Genocchi, Corrado Segre*, in *Profili di maestri dell'Ateneo torinese dal Settecento al Novecento*, ed. by Renata Allio, Università degli Studi di Torino, pp. 291- 293, 296-298, 311-313, 379-382.
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- L. GIACARDI 2005 Entry: *Libri Carrucci dalla Sommaia Guglielmo*, in *Dizionario Biografico degli Italiani*, Roma, Istituto della Enciclopedia Italiana

- L. GIACARDI 2006, *From Euclid as Textbook to the Giovanni Gentile Reform (1867-1923). Problems, Methods and Debates in Mathematics Teaching in Italy*, Paedagogica Historica. International Journal of the History of Education, XVII, 2006, pp. 587-613.
- L. GIACARDI 2006, *Tullio Viola e la matematica delle civiltà arcaiche*, in *Matematica, arte e tecnica nella storia*, Torino, KWB, 2006, pp. 11-28.
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- L. GIACARDI, E. LUCIANO, C. PIZZARELLI, C. S. ROERO 2015, *Gli Archivi di Corrado Segre presso l'Università di Torino*, *Rivista di storia dell'Università di Torino*, Vol. IV, pp. 49-57.
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Editorship

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- M. MENGHINI, F. FURINGHETTI, L., GIACARDI, & F. ARZARELLO, (eds.) 2008. *The first century of the International Commission on Mathematical Instruction (1908-2008). Reflecting and shaping the world of mathematics education*, Rome: Istituto della Enciclopedia Italiana.
- 2004-2016 *Conferenze e seminari*, della Associazione Subalpina Mathesis (with F. Ferrara e M. Mosca)
- L. GIACARDI, R. ZAN 2013 (eds.) *Emma Castelnuovo. L'insegnamento come passione*. La Matematica nella Società e nella Cultura, VI.1 2013, pp. 3-6
- L. GIACARDI (ed.) 2014. *Lagrange matematico europeo*. Articles by Bagnoli, Ricuperati, Pepe, Chiorino, Predazzi, Terracini. vol. 9, p. 1-125, TORINO: Centro Studi Piemontesi.
- G. ANICHINI, L. GIACARDI, E. LUCIANO 2015, *Bruno de Finetti e l'insegnamento della Matematica, “Dalla Realtà, nella Realtà, per la Realtà”*, La Matematica nella Società e nella Cultura, Vol. VIII Serie I, pp. 1-500.
- G. CASNATI, A. CONTE, L. GATTO, L. GIACARDI, M. MARCHISIO, A. VERRA 2016, *From Classical to Modern Algebraic Geometry. Corrado Segre's Mastership and Legacy*, Springer 2016. Giacardi la curato la sezione Storica e le Appendici.

Websites

- Documenti per la storia dell'insegnamento della matematica in Italia* (http://www.mathesistorino.it/?page_id=838), edited by L. Giacardi
- The First Century of the International Commission on Mathematical Instruction (1908-2008)* (<http://www.icmihistory.unito.it/>) edited by F. Furinghetti e L. Giacardi.
- Corrado Segre e la Scuola Italiana di geometria algebrica* <http://www.corradosegre.unito.it/> edited by L. Giacardi (under construction)

The list of the other publications can be accessed at:

http://www.dipmatematica.unito.it/do/docenti.pl/Show?_id=lmgiacar;sort=U2;search=;hits=179

(link: **Prodotti**)