

Bruno D'Amore's short CV (09 2022)

Bruno D'Amore has a degree in Mathematics, a degree in Philosophy and a degree in Pedagogy from the University of Bologna; he specialised in Elementary Mathematics from an Advanced Standpoint; he has a PhD in Mathematics Education from the University of Nitra (Slovakia); in 2013, the University of Cyprus granted him an honorary doctorate (PhD) in Social Sciences and Education. He was full professor of Mathematics Education at the Department of Mathematics, University of Bologna. He has directed numerous undergraduate and master theses. He has been director at the University of Bologna of the following courses: (1) Postgraduate courses in Mathematics Education, (2) Higher Education in Mathematics, (3) Postgraduate courses in Mathematics Education. He has actively collaborated with the Italian Ministry of Education, for example as a member of the National Study Commission for the implementation of Law 30/1999 for the reorganisation of all cycles of education.

He is currently *profesor experto titular* in the Doctorado Interinstitucional en Educación (DIE) (énfasis matemática), at the Universidad Francisco José de Caldas, Bogotá, Colombia, where he directs doctoral theses and holds seminars to doctoral students.

He mainly works as a researcher in Mathematics and Mathematics Education; in this guise he has been a visiting professor in various universities, especially in Europe and Latin America, giving lectures, seminars and participating in numerous conferences as invited speaker. He has been scientific director of numerous research projects founded by CNR, MIUR (Italian Ministry of University and Research) and EU. He has been in the past, and is till now, director of numerous doctoral theses and has served on numerous doctoral thesis tribunals, in Italy and in various countries abroad (mainly in Europe and Latin America).

For his research achievements, he has been awarded several national prizes [for example: (1) the National Prize for Pedagogy *Lo Stilo d'Oro* in 2000 and (2) the *Galileo Prize* of the Regional Council of Tuscany in 2010) and international prizes [for example: (1) the *Premio a la Contribución Científica Internacional en Ciencia y Tecnología* by the University of Medellín (Colombia) in 2013, (2) the already mentioned PhD in Social Sciences and Education by the University of Cyprus in 2013, (3) the *Mención de honor al mérito pedagógico e investigativo y a la producción intelectual* by the Redipe (Red Iberoamericana de Pedagogía) in Cali (Colombia) in 2013]. And others.

He also works in the area of popularisation of Mathematics and in Epistemology of Mathematics.

He founded in 1984 and still co-directs the NRD (Nucleo di Ricerca in Didattica della Matematica) at the Department of Mathematics, University of Bologna.

He founded in 1986 and still co-directs the conference *Incontri con la matematica* (*Encounters with Mathematics*) currently (2022) at its XXXVI edition, which takes place every year in November in Castel San Pietro (Bologna, Italy).

He founded in 1987 and directed until 2021 the research journal in Mathematics Education: *La matematica e la sua didattica*, six-monthly, trilingual, open access.

From August 1992 to August 1995, he was President of the GIRP, Groupe International de Recherche en Pédagogie de la Mathématique (registered office: Institut Supérieur d'Études et de Recherches Pédagogiques, Walferdange, Grand-Duché de Luxembourg). In this capacity, he organised and directed three GIRP international conferences in Las Navas del Marqués (Spain), Luxembourg (Grand Duchy of Luxembourg) and Cagliari (Italy).

From 1994 to 2000, he was a member of the CIIM (Italian Commission for the Teaching of Mathematics) of the Italian Mathematical Union.

He has held in Italy and in many countries many hundreds of conferences, seminars and courses, many of them directed to the professional training of Mathematics teachers, one of his main research topics. He has organised as scientific director 22 international conferences and 51 national conferences in Italy on Mathematics Education.

He is author to date of 1014 publications in Mathematics, Mathematics education, popularisation of Mathematics, History of mathematics, in numerous languages: these are 202 books (in Italian, French, English, Spanish, Portuguese, Greek, German, Mandarin Chinese, ...) and 976 articles (including book parts, research articles, popularisation or dissemination articles, ...) (in Italian and foreign journals). He has published 976 book reviews.

He is on the scientific board of 31 research journals in Mathematics Education (Italy, Greece, Switzerland, Mexico, Colombia, Cyprus, Slovakia, Venezuela, Brazil, Turkey, Spain, Holland, Peru, ...).

He is (or has been) editor of 21 book series for several Italian publishers. He has directed several educational projects that have led to series of widely distributed resources addressed to teachers. He has devoted numerous studies to the presence of Mathematics in the work of great personalities in literature, poetry, science and the arts. His studies have been published in numerous languages in various journals and in specific books, and he has participated in national and international conferences on the subject. Particularly well known are the studies dedicated to Dante Alighieri [last book: D'Amore, B. (2020). *La matematica nell'opera di Dante Alighieri. A literary, historical and didactic journey*. Prefaces by Umberto Bottazzini and Emilio Pasquini. Bologna: Pitagora], Leon Battista Alberti and Leonardo da Vinci [published a book with several reprints: Bagni G. T., D'Amore B. (2006). *Leonardo e la matematica*. Florence: Giunti. Last reprint 2019. Published in Italian, Spanish and Portuguese]. He has devised and directed dissemination activities related to mathematical culture addressed to the whole citizenship, not only to schools, such as Mathematics Festivals, calling on internationally renowned mathematical experts and popularisers in city squares, theatres, art halls and streets. The first one took place in Castel San Pietro Terme on 6 X 2007 (*Festa della Matematica in piazza e nel Castello*); some of the others are known by the name of: Grande Festa: *Matematica: il grande spettacolo* and were held at the Parco Oltremare in Riccione on: (1) 24-25 03 2012, (2) 23-24 03 2013, (3) 21-22 03

As a tribute to his activity, several books and 10 conferences have been dedicated to him, 5 abroad [(1) Argentina (2005) with Proceedings; (2) Brazil (2007); (3) Cyprus (2013); (4-5) Colombia (2013 and 2018)] and 5 in Italy [(1) Cattolica (1996); (2) Castel San Pietro Terme (2006) with Proceedings (S. Sbaragli (Ed.) (2006): <https://rsddm.dm.unibo.it/reading-list/la-matematica-e-la-sua-didattica-ventanni-di-impegno/>); (3) Castrocaro Terme (2009); (4) Bologna (University Department of Mathematics) (2011) with Proceedings (S. Sbaragli (Ed.) (2011): <https://rsddm.dm.unibo.it/reading-list/la-matematica-e-la-sua-didattica-quarantanni-di-impegno/>); (5) Bologna (Department of Mathematics of the University) (2016) with Proceedings (M. Iori (Ed.) (2016): <https://rsddm.dm.unibo.it/reading-list/la-matematica-e-la-sua-didattica-mathematics-and-mathematics-education-in-occasion-of-the-70-years-of-bruno-damore/>)).

On December 6 2018, the Italian Cultural Institute of Bogotá dedicated a library in the name of Bruno D'Amore and Martha Isabel Fandiño Pinilla.

In addition to his work as a mathematician and as a scholar in Mathematics Education, Bruno D'Amore is professionally involved in art criticism.

Since 1977, he has been a member of the AICA (Association International des Critiques d'Art) (based at the Louvre Museum in Paris at the time). As an art critic, he has presented hundreds of artists from different countries at exhibitions; he has published 355 books, articles and presentations in various languages to date; he has given several hundred lectures and served

(also as director) on the scientific committees of group exhibitions, reviews (local, national and international) and quadrennial art exhibitions. He was co-director of the art gallery “Il Cortile” in Bologna (Italy).

He has devoted numerous studies to the presence of Mathematics in the work of great artists. His studies have been published in several languages in various journals and books, and he has participated in national and international conferences on the subject. His studies on René Magritte, Maurits C. Escher, Oscar Reutersvärd, Lucio Saffaro and others are particularly well known and appreciated.

He has participated in film making; in particular, for RAI, a film on Lucio Saffaro; for De Agostini, a series of 6 short films for young students on Mathematics.

He has published four books of fiction; in this context, two of his short stories won two national literature prizes: (1) “Arturo Loria” (2003, Municipality of Carpi) and (2) “Il Ceppo” (2003, Municipality of Pistoia).

On September 27, 1997, he was awarded honorary citizenship of Castel San Pietro Terme (Bo). On September 5, 2005, he was awarded the honorary citizenship of Cerchio (Aq).

He was one of the first contributors to CICAP (Italian Committee for the Control of Paranormal Activities), also as President of the CICAP- Emilia-Romagna regional section, for several years. In this capacity he promoted various initiatives, dealing with the control of so-called paranormal activities, conferences, studies, meetings. He gave a plenary lecture at the 1st Cicap National Conference, hold in Padua, in 1991. He has published several articles in CICAP’s magazine: *Magia. The Magazine of Magical Culture*.

He has been a member of Mensa Italy and Super Mensa International since 1984. [Mensa is an international non-profit association, with charitable purposes, of which people who have reached or exceeded the 98th percentile of the world population IQ (Intelligence Quotient) can be members. To gain access to a national Mensa, one must be in the 2% of the world population with the highest IQ; that is, one must have a minimum score of 148 (SD 24) in the Cattell test. To enter Super Mensa International, one must be in the next 1%]. He has been a member of the National Board of Directors of Mensa Italy in various positions; he has given several plenary lectures especially at National Conferences from 1984 (Rome) to 1990 (Desenzano). He has published articles in Mensa magazines: *Il Commensale* and *MIR Mensa Italia Review*.

He carried out competitive sports activities as an athlete with prestigious athletics clubs regularly affiliated with the FIDAL (Italian Athletics Federation): Virtus (Bologna), CUS Ferrara and Gabbi Ponteggi (Bologna), mainly in road races and marathon races in particular. In this field, his greatest achievement was the title of “FIDAL Italian absolute club (Cus Ferrara) road race champion” in 1982. That same year, he won the Running Tour of Umbria with the same club. In his career as an athlete, he has won several dozen races, some Fidal, others open to the public.

From June 1999 to July 2004, he was councillor for culture in the municipality of Castel San Pietro.

Full CV

<https://rsddm.dm.unibo.it/chi-siamo/bruno-damore/>

http://www.incontriconlamatematica.org/ita/cv_bruno_damore.php