

July, 23, 2008

Curriculum vitae et studiorum of Barbara Gallavotti

Personal data

Date and place of birth: 21/12/67, Torino (Italy)

E-mail: barbara.gallavotti@alice.it

Academic titles and certifications

- Member of Ugis (Italian Scientific Journalists Association), 2003
- Professional certification as journalist, at the Italian National Register of Publicists, 2002
- Professional certification as a biologist at the Italian National Register of Biologists, 1994
- Laurea in Biology. University of Rome "La Sapienza", 18/2/93. Grade: 110/110 "cum laude"
- "Maturità classica" (classical high-school studies diploma), 1986. Grade: 60/60

Languages

Italian (native); English (very good); French (good); Arabic (fair).

Working activities:

I. Activity as author for the public television

2007-...: Collaboration as author to the TV-program "SuperQuark", currently broadcasted by the national channel RAI-1.

2000-...: Collaboration as author to the TV-program "Ulisse", by Piero and Alberto Angela, currently broadcasted by the national channel RAI-3

2006: Author of the broadcast in one episode "Eureka! Journey in the core of the atom", aimed at a young public and top be broadcasted by RaiSat Ragazzi.

2005: Collaboration as author to the TV-program "SuperQuark speciale", dedicated to Albert Einstein and broadcasted by the national channel RAI-1.

2005-6: Consultant for the TV-program "Hit Science", directed to children and broadcasted by RAI-3.

2004: Author of the TV-program "Hit Science", directed to children and broadcasted by RAI-3.

II. INFN Office for Communication (press office, public relations and Science “hands on” exhibitions)

2002-2006: Head of the Office for Communication of Infn (Italian National Institute for Nuclear Physics).

2004-2006: Director of the official magazine of Infn.

2004-2006: Member of the international communication committees Interactions and Eppog.

2003-2004: Chairman of the international communication committee Appec (Astroparticle Physics European Coordination).

2004-2006: Project and coordination of the exhibition “Microscopes of Physics”. The exhibition has been prepared in occasion of the 2005 World Year of Physics and has been displayed in the most important Italian cities during 2005 and part of 2006. In the summer of 2006 the exhibition has been hosted by the Bibliotheca Alexandrina, in Alexandria, Egypt.

(<http://www.infn.it/comunicazione/microscopi/eg>).

2003-2006: Project and coordination of the itinerant laboratory “Physics on the road”, hosted by several Italian cities and presented at the Stockholm exhibition “Euroscience

2004” (<http://www.infn.it/comunicazione/fisicasuruote/eg>). The Laboratory received the prize “Il grillo, high quality for infancy”, patronized by the Italian National Television.

2003-2006: Several exhibition aimed at presenting the activities of the National Institute for Nuclear Physics.

III. Collaborations with newspapers and magazines

2007-.....: Member of the editorial staff of the scientific radio program Moebius, broadcasted by Radio24

1996 -...: Collaborations with various newspapers and magazines (“Quark”, “La Stampa”, “L'Unità”, “Sapere”, “Galileo”, “Iter” and “Elle”); articles about various scientific issues.

1999-2000: Curator of the column “Attenti al lupo” in the weekly section “Ecologia e territorio” of the daily newspaper “L'Unità”; weekly articles about ethology, some of which co-authored with the ethologist Enrico Alleva.

1997-2002: Collaboration with the press agency Zadig (Milan), various articles mainly published on “Tempo Medico” (weekly magazine for medical doctors).

IV. Science books for general public

1 “*I segreti della vita*” (*The secrets of life*), 95 pages, a book in the series for young adults “Iperlibri della scienza”, Idealibri, Firenze, (1997).

Translations of the book in other languages: Spanish (Editorial Editex, Madrid, 1998); Portuguese (Edições Asa, Porto, 1999; 2002); Greek (Opera/Itinera, Atene, 1999); Polish (Bellona, Varsavia, 1999); simple & complex Chinese (2001).

2 “*La vita sulla Terra*” (*Life on earth*), 94 pages, a book in the series for young adults “Iperlibri della scienza”, Idealibri, Firenze, (1998).

Translations: Spanish (Editorial Editex, Madrid, 1998); Portuguese (Edições Asa, Porto, 1999; 2002); Greek (Opera/Itinera, Atene, 1999); Polish (Bellona, Varsavia, 1999); simple & complex Chinese (2001).

3 “*L'ecologia*” (*Ecology*), 94 pages, a book in the series for young adults “Iperlibri della scienza”, Idealibri, Firenze, (1998).

Translations: Spanish (Editorial Editex, Madrid, 1998); Portuguese (Edições Asa, Porto, 1999; 2002); Greek (Opera/Itinera, Atene, 1999); Polish (Bellona, Varsavia, 1999); simple & complex Chinese (2001).

4 "*Il corpo umano*" (*The human body*), 123 pages, a book in the series for young adults "Bravo", Mondadori, Milano, (1999).

Translations: English (Barron's, New York, 1999); French (Le Sorbier, Parigi, 1999); Spanish (Editex, Madrid, 1999); German (C.Bertelsmann Jugendbuch, 1999); Japanese (1999); Polish (2000); simple & complex Chinese (2001).

5 "*Il Sistema Solare*" (*The solar system*), 42 pages, a book in the children series "La biblioteca dei ragazzi", La Biblioteca, Firenze, (1999).

6 "*Educare per la biodiversità*" (*Educate to biodiversity*), 126 pages (Antonella Bachiorri co-author), book commissioned by CTS (the Italian touristic office for students) aimed at middle school teachers, Editur, Roma, (1999).

7 "*L'Universo*" (*The Universe*), 124 pages (Roberto Dolcetta co-author), a book in the "Bravo" series for young adults, Mondadori, Milano (2000).

Translations: German (C. Bertelsmann Jugendbuch, 2000); French (Le Sorbier, Parigi, 2000); Spanish (Editex, Madrid, 2000); Portuguese (Editorial Caminho, Lisboa, 2000); simple & complex Chinese (2001).

8 "*L'ecologia*" (*Ecology*), 42 pages, a book in the children series "La biblioteca dei ragazzi", La Biblioteca, "La biblioteca dei ragazzi", La Biblioteca, Firenze, (2001).

Translations: French (Édition du Korrigan, 2001).

V. Editorial activity

2000-2004...: Collaboration with the publisher "La Biblioteca" (Firenze): consultant for science in the volumes of the series "La biblioteca dei ragazzi".

1999-2004: Collaboration with the editorial agency DoGi (Florence), specialized in books for youths: the books are intended for publication under license by Italian and/or foreign publishers. Contribution to the project and to the choice of the author in most of DoGi's science publications for the general public.

VI. Teaching

2007...: Deputy Director of the Master School on scientific communication at the University of Roma Tor Vergata

2003-2005: Lectures about communication techniques held at the Master School on scientific communication of the University of Napoli Federico II.

2003, 2005: Lectures about communication techniques held at the Master School on scientific communication of Milan.

2001-2004: Lectures about communication techniques held at the Sissa Master School on scientific communication (Trieste).

VII. Other activities

2008: Conception and realization of the exhibition "Time travel: from the origin of the universe to modern humans", exposed at Complesso del Vittoriano, Roma, during the second edition of "Apriamo la mente. Lazio terra di scienza"

2007: Conception and realization of the exhibition "The diamond of knowledge: the scientific treasures in Lazio", exposed at Complesso del Vittoriano, Roma, during the first edition of "Apriamo la mente. Lazio terra di scienza".

2007-...: Scientific director of "Apriamo la mente. Lazio terra di scienza", the science festival of Regione Lazio.

2007-...: President of the Mediterranean Association for Science Advancement and Development (MASAD)

2007-...: Coordinator of the "Laboratory on science and technology communication" (LaCoST) organized by Fondazione Rosselli

2007-...: Head of exhibitions and museological activities for Centro Fermi, in Rome

2007: Project of an exhibition on Enrico Fermi sponsored by Centro Fermi, un Rome.

2007: Project of an exhibition on North and South Poles sponsored by the Museo Tridentino di Scienze Naturali (<http://www.mtsn.tn.it/>). Andrea Vico co-author. The exhibition will be exposed in occasion of the Polar year and will be exposed in the major Italian and Mediterranean Science Centers

2006...: Expert for Science and Technology Communication in the Cotec foundation (<http://www.cotec.it>)

2001: Winner a fellowship sponsored by the Giovanni Armenise-Harvard Foundation and by Ugis (Italian Scientific Journalists Association), which allowed a period of two weeks at Harvard's Medical School.

2001: Consultant for science for the "Comune di Roma" (Roma City Administration) Section for the organization of scientific museums ("Unità Organizzativa Dei Musei Scientifici"). The consulece was finalized to conceiving and setting up of various activities and exhibitions to be set in the year 2001 to popularize Science in Roma.

1998-1999: Conception and realization, in collaboration with Piero Benedetti and Anna Loy, of "Un Camper per la Scienza": a project sponsored and financed in 1998 and 1999 by the Italian Ministry for Science, within the initiatives for the National Science Week aimed at illustrating basic science issues relevant to every-day life through an itinerant exhibit in places as diverse as schools or supermarkets. Within the above project we also realized a CD-Rom and a web site. The web page has been awarded the "Pirelli prize for Science popularization" (April 2000).

1999: Participation to an information campaign, directed to pharmacists, about baldness: writing of a small book and a series of articles published on specialized magazines

1998: Collaboration at "Enciclopedia Treccani" (the major Italian encyclopedia) to the realization of a CD-Rom, "Le Frontiere della Vita", aimed at popularizing the content of a technical encyclopedia of the same publisher. Within this project I worked mainly to the section dedicated to the human brain and the artificial intelligence. The work is being translated into English to be published by "Academic Press". The CD-rom has been awarded the "Multimedia Mobius prize" for "Education and formation".

1995-1996: Geneticist in a private laboratory for diagnostic analyses performing prenatal analyses and tests.

1994: Training period of one year, to become an expert in prenatal diagnostics, in the laboratory of the USL RM1 (public hospital): I performed daily clinical prenatal tests.

1992-1994: Research activity in the field of Human Genetics in the Department of Genetics and Molecular Biology of the University of Rome "La Sapienza". During this period I presented two contributions at the annual national conferences of the Italian Society of Genetics (Cortona 1992 and Senigallia 1993).

VII. Talks

2002-...: Several talks and lectures in Italy and abroad. A short selection follows.

July, 22, 2008: Talk “Pressures as seen from different geographical view-points” in the round-table “The pressures on reporting research”, during “Euroscience Open Forum Es0f2008”, in Barcellona.

May, 31, 2008: Organization and chair of the session: “Sharing know-how in building exhibits: a Mediterranean experience” during the congress “Ecsite 2008” in Budapest.

October, 30, 2008: Talk “Mediterranean science centres: positive and negative aspects”, during the congress “Science communication in astrophysics” (Cagliari).

July, 15, 2007: Talk “You Tube and Science: new contents and new formats” at Spoleto Scienza, during the 50° edition of Festival dei Due Mondi.

May, 31, 2007: Organization and chair of the session: “The Mediterranean Association for Science Dissemination: joining efforts to burst Science communication in the Mediterranean area” during the congress “Ecsite 2007” in Lisbon.

April, 2, 2007: Organization of the workshop “Science for Peace”, hosted by Città della Scienza, Naples, and talk “Mediterranean Association for Science Advancement and Dissemination”.

March, 22, 2007: Talk “High Energy Physics and Medicine: a useful link” at the international conference “The first Alexandria Forum for Women’s Health” in Alexandria (Egypt).

December, 2, 2006: Talk “Research Institutes house organs among innovation and compromises: the case of Asymmetries” at the “V National Conference on Science Communication” in Forlì (Italy).

November, 10, 2006: Talk “Mediterranean Association for Science Dissemination: ideas and suggestions” at the international conference “The dissemination of scientific culture and Ict’s contribution” hosted by Cité del Sciences in Tunis (Tunis).

October 23, 2006: Talk “Hiroshima, August 6, 1945” at the round table “Nuclear weapons as an excuse for new wars” in Castiglioncello (Italy).

May 8, 2006: Talk “Microscopes of Physics: the challenge of communicating Nuclear and Particle Physics” at the conference “Ecsite 2006” a Bruxelles (Belgium).

February 22, 2006: Lecture “Einstein’s revolution” together with the astronomer Franco Pacini in Massa (Italy).

December 2, 2005: Talk “The case of Microscopes of Physics” at the “IV National Conference on Science Communication” in Forlì (Italy).

October 20, 2005: Talk “Communicating frontiers Science” at the round table “Science communication on the media”, Lucca (Italy).

October 19, 2005: Talk “Hiroshima, August 6, 1945” at the round table “Sixties years after the Bomb” Viareggio (Italy).

October 17, 2005: Talk “The challenge of communicate nuclear and particle Physics” at the round table “Science Centers, Science Festivals and exhibition: their role in Science teaching” in Florence (Italy).

September, 25 2005: Talk “Einstein, the men” at the “Second National Congress on Astrophysics in Alassio” (Italy).

June 28, 2005: Lecture “Einstein, one hundred years later” together with the astronomer Franco Pacini in Urbino (Italy).

November 28, 2003: Talks “Science and Tv: the case of Ulisse” in workshop “Paper stars: astronomical research and media in Italy” organized by Inaf (Italian National Institute of Astrophysics) in Bologna (Italy).

VIII. Contributions in books and journals

1. “Outreach activities: how to avoid self-referring” (Barbara Gallavotti and Sergio Pistoì) in *Analysis*, magazine of science culture and politics, Anno 9-n.4/2007
2. Contribution to the book *Animal mind*, by Enrico Alleva, Einaudi (Torino, 2007)
3. Contribution to the book *H₂O*, Edited by Roberto Marcatti (Cusl, 2006)

4. "Microscopes of Physics" (Barbara Gallavotti et al.) in *Ruling science in the society of risk*, Edited by Nico Pitrelli e Giancarlo Sturloni (Polimetrica, 2006)
5. Contribution to the book *Communicating Physics*, Edited by Massimo Armeni (Zadig Roma, 2006)