

CURRICULUM VITAE

Name: Giuseppe Di Maio.

Date of Birth : July 5, 1946.

Place of Birth: Benevento, Italy.

Sex: Male.

Citizenship: Italian.

Languages: Italian, English.

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Present Position: Professor of Geometry, Second University of Naples (SUN), Faculty of Sciences, Caserta , Italy .

Membership:

American Mathematical Society,

European Mathematical Society

Unione Matematica Italiana

Education: University of Naples Federico II, 1964-1969.

Degree: Laurea in Matematica (Mathematics), 1969: *Magna cum Laude*. Thesis in Algebraic Geometry.

Teaching Experience: Teaching undergraduates and graduates: 1969 to present.

Courses of instruction: Dipartimento di Matematica "R. Caccioppoli", Via Cintia, Monte S. Angelo, 80126 Napoli; Dipartimento di Matematica, SUN; Via Vivaldi, 43; 81100, Caserta. Italy.

Undergraduates: Descriptive Geometry, Linear Algebra, Geometry I, Geometry II, General Topology.

Graduate Students: Topology, Hyperspaces, Function spaces, Fractal Geometry.

Number of Research papers published or in print: 66 (see the attached list).

Number of Research Papers submitted or in preparation : 8 (see the attached list).

Poster: 1 (see the attached list). **Conference Proceedings** 1 (see the attached list).

Editor: 1 book, 2 special issues, 3 Conference Proceedings (on CD support) (see the attached list).

Fields of Scientific Interest : Category Theory, General Topology, Hyperspaces, Functions spaces, Mathematical Models in Musical Psychology.

Professional experience:

(13) 29/11/05 President ISMAI (Italian Society for Music and Artificial Intelligence)

(12) 01/03/05 -: Professor of Geometry, Seconda Università di Napoli (SUN), Facoltà di Scienze, Dipartimento di Matematica,

(11) 16/02/ 05, Committee Corso di Diploma Accademico di Secondo Livello in Discipline Musicali ad Indirizzo Tecnologico, Conservatorio di Musica “ Niccolò Piccinni”, Bari.

(10) 2003, Visiting professor, University of Nis, Belgrado (Serbia), 25 novembre/ 2 dicembre; Prof L.Kocinac, M Mrsevic.

(9) 2001- : Member of the “ Mathematical Sciences Ph.D. Committee“: University of Naples Federico II, Seconda Università di Napoli, Università di Salerno, Università della Basilicata.

(8) 1992 - 2005 : Associate Professor of Geometry, Faculty of Sciences, Second University of Naples, located in Caserta.

(7) 1996 - 2000: President of Curricula in Mathematics, Faculty of Sciences, Second University of Naples, located in Caserta.

(6) 1989 -1992: Associate Professor of Topology, Faculty of Sciences, University of Naples Federico II.

(5) 1984-1992: Tenured Associate Professor of Algebra and Geometry, Faculty of Sciences, University of Naples Federico II.

(4) 1974-1984: Professor without tenure of Geometry, Faculty of Sciences, University of Naples Federico II

(3) 1972-1974: Professor without tenure of Descriptive Geometry, Faculty of Architecture, University of Naples Federico II.

(2) 1970-1984: Tenured assistant professor in Geometry at Faculty of Sciences, University of Naples.

(1) 1969-1970: Assistant professor without tenure in Analytical Geometry at Faculty of Engineering, University of Naples Federico II.

(i) One term (Autumn 1980) at Memorial University (St. John's, Newfoundland, A1C 5S7 Newfoundland, Canada.) as invited assistant professor, (Renzo A. Piccinini).

(ii) Lakehead University (Thunder Bay, Ontario, P78 5E1 Canada): September-October 1987 and April 1988. Joint research project with Somashekhar S. Naimpally.

(iii) Gent University in March 1992 (Erasmus Programme). Teaching Fractal Geometry to Ph. candidates.

Supervisor: Master programme & PhD programme.

Tesi di " Laurea" in Mathematics, Faculty of Sciences, Naples University Federico II., Faculty of Sciences , SUN (Italian " Laurea" can be compared to Master Degree).; Ph. D. thesis in Mathematics, Faculty of Sciences, Naples University Federico II.,

Meetings and Conferences

Meetings and Conferences in Italy and Europe (almost every Conference in General Topology since 1970, Papers delivered at every conference) . Selected Meetings Prague Toposym 1991, 1996, 2001 Digione 1994, Gandia 1999, Trieste 1999 (invited speaker), Grado 2000. Coimbra 2001, , New York June 2003 (invited speaker). University of Nis and Beograd (November)December 2003). Summer Topology Conference, Cape Town 2004 (invited speaker); Durban (2004). Almeria (2005), Aegion (2006), Prague Toposym 2006.

Professional Experience

Tutor Research Unit PRIN, 2005/06, “Modellizzazione Matematica del Comportamento Naturale e Artificiale”. Chair prof. Eleonora Bilotta, Università della Calabria.

Tutor UE Project L.449/97 del 27/12/97, art. 51, D. R. 63 del 14/1/99; n. 2914/99 (Composizione musicale assistita dal calcolatore via Geometria Frattale"), Junior researchers: S. Busiello e P. Di Lorenzo.

Tutor project L. R. 41/94 Regione Campania (n. 7492/99, “ Algoritmi frattali.....”), : S. Busiello , P. Di Lorenzo e M.T. Scarpa.

Ph.D. Supervisor : Stefano Busiello e (jointly with S. Watson) Agata Caserta, Chair of the Organizing and Scientific Committee “ Function spaces, proximities and quasi unifomities” , Caserta, September 14-18 2001.

Chair of the Organizing and Scientific Committee “Capire e creare la musica I, II, III, IV”, Caserta, 2001, 2002, 2003, 2004.

Member of the Scientific Committee Cartemi: 2000, 02, 04.

Member of the National Committee (9 Professors elected and named by the Minister of University and Scientific Research) to select candidates for promotions to Associate Professor Position in the following field: Algebra & Geometry (A183 -1986, A012-1990).

President of the Organizing Committee of "IV Convegno di Topologia", an International Conference on Topology held in Sorrento, September 14-17, 1988.

Dean of the Summer School in General Topology, Naples, 14-21 July 1990.

Member of the Scientific Committee Summer Schools in 1992, 1993.

Tutor of Research Unit, National Grant 40% "Topologia", University of Naples Federico II, University of Naples II:1983- 2001.

Tutor of the European Union FSE project 2914/99 (1999-2002), and Regione Campania Grant 7492/2000, bill 41/94 (1999-2000) "Computer aided Music and Music Analysis via Fractal Geometry" (members: dr Pietro Di Lorenzo, dr. Stefano Busiello, M.T. Scarpa).

I personally invited the following professors for joint research projects or seminars: R. Piccinini, P. Simon, J. Pelant, S. Dolecki, T. Noiri, F. Mercuri, S. Buoncristiano, G. Beer, A Zaruela, Harry Poppe, S.A. Naimpally, L. Hola, R. McCoy, L Kocinac, A. Arhangel'skii, A. Blaszczyk, A. Bella, U. Darji, J. Ferrer, D. Georgiu, J. Hocking, S. Iliadis, W. Kubis, H. P. Kunzi, U. Marconi, R. Moresco, M Mirsevic, G. Preuss, M. Sioen, S. Verwulgen, S. Watson, W.Wilczynski, L. Kocinac, S. Watson. L. Hola. J. Pelant, S. Naimpally were invited professors under C.N.R. Grants.

I have been member of the Italian National Research Council (C.N.R.) since 1969.

I have refereed for the following international journals: Ricerche di Matematica, Rendiconti di Matematica Modena, Rendiconti di Matematica Trieste , Zbornik Radova, Real Analysis Exchange, Applied General Topology, JP Journal of Geometry and Topology, Journal for Mathematical and Computer Modeling, International Journal of Mathematics and Mathematical Sciences, Topology and its Applications, Mathematica Slovaca.. Reviewer for Mathematical Reviewer and Zentralblatt fur Mathematics.Over the years I have given numerous seminars or colloquium talks on various topics in Mathematics . Some of the more recent were delivered with the following titles:

a) Mathematics around us;

- b) Mathematics and Code Theory;
- c) Fractal Geometry and its Applications: music, chaos.

General interests: Philosophy, Classical Music, Sports and Contemporary History.
Member of “Comitato per i Valori della Resistenza, della Libertà e della Democrazia”.
Member (bass) of Polyphonic University Choir, i.e. C.P.U. www.cpu.unina.it/,
(Master Choir: Antonio Spagnolo): festivals in Italy and abroad.

Caserta, December 2006

Giuseppe Di Maio