Curriculum Vitae

Ennio Gozzi

- *Name :* Ennio Gozzi
- *Date of Birth :* March 17,1954 (Viadana, (MN), Italy)
- *Work Address :* Dept.of Theor. Physics. Univ. Of Trieste.[⋆]
- *Tel. Number :* ++39/040/2240260; fax 224601.
- *E − Mail :* "Gozzi@TRIESTE.INFN.IT"
- *Nationality :* Italian
- *Marital Status :* Married
- *Educational Background :*

  1978-Master in Physics (Laurea cum laude), Parma University, Italy
  -Advisor: Prof. M.Pauri
  -Thesis Work: "On the canonical realizations of the Poincare' group"

  1979-Military Service

  1984-Ph.d in Theoretical Physics from CUNY (City University of New York).
  -Advisor: Prof.B.Sakita,(external Advisor E.Witten).
  -Thesis Work: "On the supersymmetry of stochastic processes"

- *Scientific Curriculum :*

  1984-86 Research associate at the Max-Planck Institut fur Physik und Astrophysik, Munich, Germany

  1986-88 Research associate at the Niels Bohr Institute, Copenhagen, Denmark

  1988-90 Research fellow at the TH Division, CERN, Geneva, Switzerland

  1990-91 Research Associate at Saclay, France

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Private address: E.Gozzi, Via R.Manna 15, Trieste, Tel.++39/040/43917.

1991-98 Senior Research Staff Member (Ricercatore) (tenured since 1993), Dept. of Theoretical Physics, Univ.of Trieste, Italy.

1998- Associate Professor (University of Trieste)

- *Fields of interest* :

  Path-integrals. Quantization issue. Geometric problems. Field Theory. Anomalies. Dynamical Systems.

- *Scientific Experience*

  Referee for the following journals: Phys. Rev.Lett., Nucl. Phys. B, Phys. Rev.D and A, Phys. Lett. B and A, Jour. Phys. A, Int. Jour. Mod. Phys. A.

  Referee for two promotions to associate and full professor (USA and Germany);

  Referee for one Ph.d candidate (Denmark).

  Advisor for 2 Ph.D students, 7 Master-thesis students, 10 Bachelor-thesis students.

- *Publications* :

  No. of papers: **57** refereed papers and **13** conference proceedings.

- *Most relevant citations* : †

  J.Zinn-Justin in Nucl.Phys. B275 (1986) 135; ibid.B280,355 (1987) 135;

  G.Jona-Lasinio in "*Quantum-field theory*" Ed. F.Mancini, Elsevier Publ. Comp. (1986);

  J.L.Cardy et al. in Jour.Stat.Phys.44,567 (1986);

  J.Ambjorn et al Nucl.Phys.B 275, 18 (1986);

  P.V.Landshoff et al, Nucl.Phys.B 260 (1985) 545;

  S.Fubini et al. in "*Quantum field theory and quantum statistics*" Ed. I.A.Batalin et al. Hilger Publ. (1987);

  M.V.Berry in Proc.Royal.Soc. vol 414A, 31, (1987);

† Over a period of 22 years. I have taken out the citations of my collaborators or advisors Like B.Sakita

H.B. Nielsen et al.Nucl.Phys.B 299, 471 (1988);

R.G. Littlejohn Phys.Rev.A vol.38, no.12, 6034 (1988);

L.Baulieu et al. Phys.Lett.B 214, 2, 223 (1988);

R.Jackiw in "Comments on Atomic and Molecular Phys." Vol.4 no.13 (1989) 3057;

R.Gatto et al. in Int.Jour.Mod.Phys.A Vol.8, no.13 (1989) 3057;

C.M. Bender et al. Phys. Rev.D 39 ,12 (3684) 1989;

M.V.Berry in *"Anomalies, Phases, Defects"* Ed.Bregola et al. Bibliopolis (1990);

J.E.Marsden et al. Memoirs of the AMS, Vol. 88, no.436,(1990);

Y.Aharonov et al. Nucl.Phys. 350B (1991) 881;

N.Mukunda et al. Jour.Phys.A, Math. and general. Vol.25 (1992) 6135;

M.V.Berry et al. Proc.Roy. Soc. 442 (1993) 641;

M.V.Berry et al. Proc.Roy.Soc. 442 (1993) 659;

G.Jona-Lasinio, Prog.Theor.phys. Supp. 111 (1993) 83;

J.Zinn-Justin , Prog. Theor. Phys. Supp. 111 (1993) 185;

P.Cvitanovic et al., Phys. Rev.Lett. 71 (1993) 4138;

M.Mezard et al., Physica A 226 (1996) 243;

J.Klauder, Ann. of Phys. Vol.253 (1997) 356;

R.Gatto et al., Phys. Rev. E 57 (4) (1998) 3886;

E.Curci et al. Phys.Rev.D 58 (1998) 065009

I.V.Tyutin, Theor.Math.Phys.127 (2001) 619;

D.Zwanziger et al. JHEP 0108:016 (2001);

L.A.Batalin et al.Phys.Lett.B 578, 223 (2004); Nucl.Phys.B 700 (2004) 439;

J.Kurchan et al. Jour.of Stat.Phys. 116 (2004) 1201;

K.Fujikawa Phys.Rev.D 72,025009 (2005);

P.K.Townsend Class.Quantum Gravity 25 (2008) 045017.

C.Vafa et al. arXiv: 1002.3638

- *Citations in text − books* :

  B.Sakita,"*Quantum theory of many-variable systems and fields*" World Scientific 1985;

  J.Rivers, "*Path-integral methods in quantum field theory*" Cambridge University Press 1985;

  J.Zinn-Justin, "*Quantum field theory and critical phenomena*" Oxford Univ.Press 1989;

  J.Govaerts, "*Hamiltonian quantisation and constrained dynamics*", Leuven University Press 1991;

  J.Marsden et al., "*Introduction to mechanics and symmetry*", Springer-Verlag 1994;

  M.Reuter et al., "*Classical and quantum dynamics: from classical paths to path-integrals*", Springer-Verlag 1994;

  G.Junker, "*Supersymmetric methods in quantum and statistical physics*" Springer-Verlag, Berlin, 1996

  C.Grosche and F.Steiner, "*Handbook of Feynman path integrals-Introduction*, Spriger-Verlag 1998;

  E.C.G.Sudarshan et al. "*From Classical to Quantum Mechanics*", Cambridge University Press 2004.

  G.Giacchetta, L.Mangiarotti, G.Sardanashvily, "*Geometric And Algebraic Topological Methods in Quantum Mechanics*" World Scientific Publ.2005.

  H.Kleinert, "*Path Integrals in Quantum Mechanics, Statistics, Polymer Physics and Financial Markets*", 5th edition, World Scientific Publ.,2009.

- *Quantitative features of citations* :

  h − index = **15** (At November 2008); It goes down to **12** if the self-citations or citations from collaborators are excluded.In both cases articles of mine which were quoted in their preprint form in published papers or in books have not been counted in calculating the indeces. Both numbers are individ-

ual indeces (i.e. I was the main author) and not total indeces.

Total number of citations= rougly **940** (at November 2008) of which rougly **100** were quotations of papers of mine when they were still in preprint form, or quotations in books.This extra 100 citations should, on the average, increase slightly the h-factor given above.

Average No. of citations per paper=**13.61** (in the version with h-index=15).

Most Quoted Papers: paper no.4) has been quoted more than **100** times, while paper no.3) and 17) have been quoted more that **50** times (data from ISI).

Note: the number of people working on topics similar to mine have always been between **90-100**. This in order to normalize the numbere of citations.

Authorship: The number of papers on which I am single author is **21** over **70**.