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Personal Information:

Date of Birth: 1952

City, State/Province,
Country of Birth: Frankfurt am Main, Hessen, Germany

Citizenship(s): German

Language(s): German, English

Scientific Publication Record

More than 300 refereed articles,
more than 200 invited conference papers,
more than 8000 citations in Science Citation Index,
more than 10 books in 5 languages, over 150.000 copies sold

Appointments/Affiliations

Dates	Title	Organization	City, State/Province	Country
2009-2010	Vice-President	Helmholtz Gemeinschaft Deutscher Forschungszentren (Helmholtz Association of German Research Centres)	Berlin	Germany
2008- present	Member elect	Polytechnische Gesellschaft	Frankfurt	Germany
2008	Emiglio Segre Distinguished Lecturer	Tel Aviv University	Tel Aviv	Israel
2007- present	Scientific Director	Gesellschaft für Schwerionen- forschung mbH (GSI)	Darmstadt	Germany
2006-2007	Goethe-University Vice- President for Science	Johann Wolfgang Goethe Universitaet Frankfurt	Frankfurt am Main	Germany
since 2006	Honorary Professor	Hefei University of the Chinese Academy of Science	Hefei	P.R. China
2004- present	Judah M. Eisenberg- Chair "Professor Laureatus of Theoretical Physics"	Johann Wolfgang Goethe Universitaet Frankfurt, Institut für Theoretische Physik	Frankfurt am Main	Germany
2004- present	Director	Johann Wolfgang Goethe Universitaet Frankfurt, FIAS - Frankfurt Institute for Advanced Studies	Frankfurt am Main	Germany
2004- present	Director	Johann Wolfgang Goethe Universitaet Frankfurt, FIGSS - Frankfurt International Graduate School of Sciences	Frankfurt am Main	Germany

2002	Guest Professor	Subatech, Universite de Nantes & Ecole des Mines	Nantes	France
2001-2003	Visiting Professor	Inst. Theor. Physics, CAPES & Univ. Fed. Rio de Janeiro	Rio de Janeiro	Brazil
2000-2001	Chair of Theoretical Physics and Astrophysics	Johann Wolfgang Goethe Universitaet Frankfurt, Institut für Theoretische Physik	Frankfurt am Main	Germany
2000-2003	Goethe- University Vice-President for Science & Medicine	Johann Wolfgang Goethe Universitaet Frankfurt	Frankfurt am Main	Germany
1998	Visiting Professor	Tel Aviv University	Tel Aviv	Israel
1996-2002	Advisory Board	RIKEN-RBRC at Brookhaven National Laboratory	Upton, NY	United States
1993-2000	Visiting Professor	Physics Department & Centre Recherche Nucleaire CRN/CNRS de Universite Louis Pasteur	Strasbourg	France
1992	Visiting Professor	University of Washington, Institute for Nuclear Theory	Seattle, WA	United States
1989-1994	Scientific Consultant	Lawrence Livermore National Laboratory, E-Division	Livermore, CA	United States
1988-2003	Scientific Advisor/ Consultant and Visiting Professor	Brookhaven National Laboratory, Physics Department	Upton, NY	United States
1985-present	Professor of Theoretical Physics	Johann Wolfgang Goethe Universitaet Frankfurt, Institut für Theoretische Physik	Frankfurt am Main	Germany
1983-2003	Scientific Advisor and Visiting Professor	Gesellschaft für Schwerionenforschung	Darmstadt	Germany
1982-1999	Scientific Consultant and Visiting Professor	University of California, Berkeley, Lawrence Berkeley Laboratory, Nuclear Science Division	Berkeley, CA	United States
1982-1985	Assistant Professor (Tenure Track)	National Superconducting Cyclotron Laboratory and Department of Physics and Astronomy, Michigan State University	East Lansing, MI	United States

Education

Date	Degree	Institution	Subject
1979	Dr. phil. nat.	Institut für Theoretische Physik, FB Physik, Johann Wolfgang Goethe- Universität, Frankfurt am Main, Germany	Physics - Theory of High Energy Heavy Ion Collisions and the EoS
1976	Physik-Diplom	FB Physik, Johann Wolfgang Goethe - Universität, Frankfurt am Main, Germany	Physics, Mathematics, Chemistry and Philosophy
1971	Abitur	Gymnasium Oberursel am Taunus	

Honors/Awards

Date	Name	Description
2008	Doctor Honoris Causa	University of Bucharest, Romania
2006	Nuclear Physics European Collaboration Committee, Expert Committee of the European Science Foundation	Member

2006	Nuclear Physics Board of the European Physical Society	Member
2006	Honorary Professor	Hefei University of the Chinese Academy of Sciences
2004	Judah M. Eisenberg Chair "Professor Laureatus of Theoretical Physics"	Endowed Chair for Theoretical Physics
2003	Highly Cited Scientist	Awarded by Science Citation Index - ISI to Top 200 Quoted Researchers in Physics
2003	Member, Senior Advisor Panel	Institute of Physics, London, Journal of Physics G
2002	Guest Professor	Subatech, Universite de Nantes et Ecoles des Mines
2001	FInstP, Fellow, Institute of Physics, London, Chartered Physicist	Awarded for Excellence in Physics
2000	Elected Member Academia Europea	Outstanding Scientist
1998	Honorary Editor (Editor in Chief)	Institute of Physics, London, Journal of Physics G - Nuclear and (Astro-) Particle Physics
1980	NATO-Fellow, Deutscher Akademischer Austauschdienst	Awarded by DAAD to excellent young investigators

Memberships

Dates	Organization	Position
2009-present	Acatec (Deutsche Akademie der Technikwissenschaften)	Member
2008-present	Council of the Foundation of the Beilstein Institute, Frankfurt am Main	Council Member
2007-present	Advisory Board of the H. & E. Kleber Foundation	Member
2007-present	Advisory Board of the Alfons und Gertrud Kassel Foundation	Member
2006-present	Advisory Board of the Margarete und Herbert Puschmann Foundation	Member
2006-present	Nuclear Physics Board of the European Physical Society	Member
2003-present	Institute of Physics (London) - Journal of Physics G	Senior Advisory Board Member
1998-2003	Institute of Physics (London) Journal of Physics G - Nuclear and (Astro-)Particle Physics	Honorary Editor (Editor in Chief)
1997-2001	RIKEN at Brookhaven National Laboratory: Riken/BNL Research Center (RBRC)	Member, Advisory Board
1992-1997	Institute of Physics (London) Journal of Physics G - Nuclear and Particle Physics	Member, Editorial Board
1991-present	International Journal of Modern Physics E- Nuclear Physics	Editor
1990-1991	Brookhaven National Laboratory, High Energy and Nuclear Physics	Member, Program Committee

1989-1994, 1999-2004	Gesellschaft für Schwerionenforschung	Member, Program / Advisory Committee
1988-1990	Brookhaven National Laboratory, Alternating Gradient Synchrotron	Member, Program Committee
1988-1990	International Journal of Modern Physics A-Particles and Fields; Gravitation; Cosmology; Nuclear Physics	Editor
1987-present	Modern Physics Letters A - Particles and Fields; Gravitation; Cosmology; Nuclear Physics	Editor
1984-1989	Brookhaven National Laboratory, Relativistic Heavy Ion Collider	Member, Policy Committee
1982-1985	University of California, Berkeley, Bevatron/Bevalac Scientific Program	Member, Advisory Committee
	Deutsche Physikalische Gesellschaft	Member
	Deutscher Hochschulverband	Member
	Physikalischer Verein, Frankfurt am Main	Member
	Verein der Freunde und Förderer der Johann Wolfgang Goethe Universität	Member

Research Interests

Field of Expertise & Research Interests:

- * Theoretical Nuclear Physics
- * High-Energy Heavy Ion Physics
- * Nuclear Matter
- * Quark, Gluon Plasma
- * (Multi)-Hypernuclei
- * Strangelets
- * Many Body Theory + Transport Theory
- * Nonequilibrium Processes
- * Phase Transition
- * Black Holes

Research Funding/Grants

Dates	Grant #	Grant Title	Organization	Grant Amount	Primary Investigator
2003-2009		Frankfurt Institute for Advanced Studies	various private foundations		W. Greiner, W. Singer, H. Stöcker
2002-present		PROBRAL- Brazilian-German Scholar Exchange	DAAD		
2002-2005		Teraflop Linux Cluster (HHLR) at CSC, Univ. Frankfurt	BMBF/DFG		
2002-2004		Astroparticle Physics-Cosmic Rays	BMBF-DESY		
1998-present		various Fellowships	Alexander von Humboldt- Stiftung		
1997-present		DAAD - Travel Grant	DAAD		
1995-present		various Stipendships	Josef Buchmann Foundation, Tel Aviv & Frankfurt am Main		
1990-present		various	EU		
1990-1999, 2000-present		Graduiertenkolleg TESIP, various other projects	DFG		
1989, 1993, 1996, 2003		various	NATO-Schools		
1987-present		Applications of Theoretical Heavy Ion Physics to GSI Experiments	GSI		
1986-present		Theoretical Heavy Ion Physics	BMBF		
1984		FPS-164 Parallel Computer at National Superconducting Cyclotron Laboratory, MSU	NSF		
1982-1985		NSCL, MSU	NSF		
1980-1981		Fellowship	DAAD-NATO		

