

PERSONAL INFORMATION

**Maurizio Biasini**

Date of birth 17/09/1967 |

Nationality Italian

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Scientific Counselor
Embassy of Italy
Washington

WORK EXPERIENCE

January 2022 - Today

Scientific Counselor

Embassy of Italy
3000 Whitehaven St. NW
Washington, DC 20008 USA
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Italian Ministry for Foreign Affairs

Scientific Attaché in the areas of research in physics, chemistry, biology and mathematics

November 2006 - Today

Associate Professor of Experimental Physics

Department of Physics and Geology
University of Perugia ITALY

Teaching and Research in experimental physics of elementary particles and in medical physics. Belle2 experiment at KEK (Japan); CMS experiment at the LHC accelerator at CERN (Switzerland); Babar experiment at the Stanford Linear Accelerator Center (California, USA); RAPID experiment for the development of a real time dosimeter; CHIR2 experiment for the development of a probe for radio-guided surgery

June 2011 - June 2015

Scientific Counselor

Permanent Mission of Italy to the United Nations and other International Organizations in Geneva. SWITZERLAND.
Italian Ministry for Foreign Affairs

Scientific Attaché in the areas of research, environment and telecommunications sectors with special attention to CERN, the World Meteorology Organization WMO, International Telecommunication Union ITU

November 2000 - October 2006

Researcher Experimental Physics

Department of Physics and Geology
University of Perugia ITALY

Research in elementary particle physics. L3 experiment at CERN LEP accelerator; CMS experiment at the LHC accelerator at CERN.

1998 - October 2000

Research Associate

CERN European Organization for Nuclear Research Meyrin SWITZERLAND
 Research in elementary particle physics. L3 experiment at CERN LEP accelerator

1995 - 1998

Research Fellow

CERN European Organization for Nuclear Research Meyrin SWITZERLAND
 Research in elementary particle physics. L3 experiment at CERN LEP accelerator

EDUCATION AND TRAINING

1985 - 1990

Laurea in Physics 110/110 cum laude

University of Perugia ITALY
 ▪ Particle physics with accelerators; SLD experiment at SLAC Stanford Linear Accelerator Center

1991 - 1993

Ph.D. in Physics

University of Perugia ITALY
 ▪ Particle physics with accelerators: L3 experiment at CERN Geneva

PERSONAL SKILLS

Mother tongue

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	Excellent	Excellent	Excellent	Excellent	Excellent
FRENCH	Good	Good	Good	Good	Good

**Organisational /
managerial skills****Experience in the management of institutions, research organizations and universities**

- Member of the Governing Council of the National Institute for Nuclear Physics (INFN) as representative of the Ministry of Education, Universities and Research (MIUR) (2015-2017);
- Italian Government representative in ICTP/Unesco Task Force on budget (2016);
- Member of the National Scientific Committee 1 on High-energy physics with accelerators of the INFN National Institute of Nuclear Physics (2004-2010);
- Coordinator of activities in physics with accelerators of Perugia Section of the National Institute of Nuclear Physics (2004-2010);
- Member of the Academic Board of the PhD in Physics, at the University of Perugia (2000-2007);
- Representative of researchers in the Section Council of Perugia National Institute of Nuclear Physics (2001-2004);

Experience in project evaluation

- Referee and rapporteur for projects of the program 'Research Project of National Interest Research PRIN 2017' (Italian Ministry of Education, University and Research);
- member of the Working Group on Evaluation of National Institute for Nuclear Physics INFN (2005-2011);
- referee for the program 'Research Quality Assessment VQR 2011-2014' (Italian Ministry of Education, University and Research);
- referee for the program 'Research Quality Assessment VQR 2004-2010' (Italian Ministry of Education, University and Research);
- referee for the project 'LHC-f' of the National Scientific Committee 1 - National Institute of Nuclear Physics INFN

Experience in international scientific cooperation

- Head of Delegation to the CERN Finance Committee from 2011 to 2015
- Alternate member and advisor to the CERN Council from 2011 to 2015
- Observer at the CERN Scientific Policy Committee from 2011 to 2015
- Italian delegate Committee TREF (Tripartite Employment Forum, policies of employment and social conditions) CERN 2011-2015
- Italian delegate in the European Network for Technology Transfer ENET 2011-2015
- delegate to the LHC Resource Review Board 2011-2015
- Italian delegate to the Geneva Group for ITU and WMO from 2011 to 2015
- delegate to the ITU Council in 2011, 2012, 2013, 2014 and 2015
- delegate to the World Radiocommunications Conference 2012 ITU
- delegate to the WMO Executive Council in 2012, 2013, 2014.
- delegate to the World Congress Extraordinary WMO 2012
- delegate to the WMO World Congress 2015
- member of the Intergovernmental Board on Climate Services 2013-2015
- delegate to the Plenary Meeting of the Intergovernmental Panel on Climate Change IPCC 2012
- Delegate to the Open Ended Working Group of the Basel Convention UNEP
- delegate to the 5th Negotiating Committee on Mercury INC5
- delegate to the High Level Meeting on National Policies against Drought
- delegate to the Conferences of the Parties of the Basel, Stockholm and Rotterdam Convention 2011, 2013 and 2015
- delegate to the World Telecommunication Policy Forum 2013

Job-related skills

Experience in experimental particle physics and medical physics

- PI of the Perugia research group RAPID for the development of a real-time dosimeter for interventional radiology (2010 to 2011)
- PI of the Perugia research group in the L3 experiment at the CERN laboratory (2000-2002);
- PI of the Perugia research group in the BABAR experiment at the SLAC laboratory (2003-2011);
- PI of the local unit for the 'Research Project of National Interest Research PRIN 2008 ' entitled "Study of the first level trigger for muons in experiments in high-energy proton colliders";
- coordinator of the group CMS / Perugia for automated assembly of silicon detectors;
- coordinator of the group CMS / Perugia for the activities' of software and analysis;
- member of the Coordination Group for analysis in collaboration Italian CMS experiment.
- coordinator of the group for the identification of b to the experiment L3;
- contact person for the group LEP experiment L3 in search of the Higgs boson;
- member of the LEP Exotica Working Group;
- coordinator of the group for the alignment of the vertex detector L3;
- coordinato of the project on basic research, funded by the Foundation Cassa di Risparmio di Perugia, entitled "The physics of the LHC era flavor", 2010

Experience in technology and knowledge transfer

- Italian delegate in the European Network for Technology Transfer ENET (2011-2015)
- Promotion of the private sector at the Italian OOII Geneva
- Monitoring CERN tenders and promotion Italian companies (about 300 million EUR / year)
- Promoting relations between CERN and Italian companies in the sector of technology transfer (magnets, cryogenics, computing, medical physics)
- Promoter of the event "CERN and Italian companies" Turin Chamber of Commerce, 2014 (70 participating companies)
- Member of the Organizing Committee of the "Italy at CERN", Geneva October 2014 (30 participating companies)
- Member of the Organizing Committee of the "Italy at CERN", Geneva October 2011 (30 participating companies)
- Promoter of the event "CERN presentation to companies" UNINDUSTRIA Bologna, 2013 (50 participating companies)
- Member of the Organizing Committee of the Marconi exhibition at the International Telecommunication Union, Geneva 2015 (Rai Way, Ugo Bordoni Foundation)
- Definition of technological collaboration agreements between CERN and Italian Institutions / Administrations (Politecnico di Milano, Marche Region, Sant'Anna School, Italian Technology Institute)
- Definition of technological collaboration agreements between WMO and the Civil Protection Department in risk prevention

Teaching experience

- Teacher at University courses in Physics, Applied Physics, High Energy Physics experiments, Elementary Particle Physics, Statistical Methods, for degree courses in Physics, Mathematics, Speech Therapy, Physiotherapy, Electronic Engineering, Geology, Medicine and doctorate courses in Physics
- Supervision of eight doctoral theses and several master thesis in physics and engineering.
- Member of the organizing committee of CERN training course for teachers of High Schools

Organization of scientific events and industrial promotion

- Member of the Local Organizing Committee of the conference CALOR2004, International Conference on Calorimetry in Particle Physics
- Member of the Local Organizing Committee and editor of the proceedings of the conference BEAUTY 2005 International Conference on B Physics at Hadron Machines
- Member of the Local Organizing Committee of the conference BEACH 2010
- Member of the Organizing Committee of the exhibition "An Italian History of Innovation" at the World Intellectual Property Organization, Geneva May 2011
- Organizer of the Exhibition "Memoria/Futuro" at the United Nations in Geneva, November 2013
- Organizer of the Cultural Conference "Science meets Art", UN Geneva, November 2013

Publications

Co-author of more than 1.500 publications, 170.000 citations, h-index =184
 Details on inspirehep.net