Amedeo Staiano

Personal details

Amedeo Staiano

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via O.Morgari 3
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October 23, 1960

italian

Skills

Experimental High Energy Physicist with competences in particle detector design and development, data analysis, and applications of particle detectors in other fields (medical physics and cultural heritage)

Collaboration Resource Management and Fund Rising Management. Research group leadership and Research Management at directorate level.

Languages

English ●●●●○

French ●●●○○

German ●○○○○

Hobbies

- Music (former choir singer in Corale Valdese and clarinet player)

Profile

I am a senior experimental high energy physicist with experience in large detectors operated in high energy fixed target beams or collider particle accelerating machines in international laboratories.

Education

Laurea in Physics — **Oct 1979 - Mar 1985**
Torino University, Torino

Doctor Rerum Naturae (PhD in Physics) — **Oct 1986 - Jul 1989**
Ruprecht Karls University, Heidelberg

Employment

Researcher — **Dec 1989 - Feb 2000**
Istituto Nazionale di Fisica Nucleare, Torino
High Energy Physicist, active in experimental research in international collaborations focused in Deep Inelastic Scattering, with high energy muon beam at CERN (experiments NA2, NA9, NA28) and in e-p collider HERA of the Deutches Elektronen Synchrotron (DESY) in Hamburg (ZEUS Experiment).

National Scientific Commission I local coordinator — **Jun 1997 - May 2003**
Istituto Nazionale di Fisica Nucleare, Torino
The INFN scientific activity is organized into five scientific lines, for each of which a National Scientific Commission is set up. Members of the commissions are local elected representatives of the 20 geographical units plus the 4 national labs.

Primo Ricercatore — **Feb 2000 - Jan 2007**
Istituto Nazionale di Fisica Nucleare, Torino
Group Project Manager in the preparation of the Drift Tubes system of the Muon Barrel for the CERN CMS experiment. This activity, carried on within an international collaboration (Aachen, Bologna, Madrid Padova and Torino), brought to the construction, test and installation of the CMS Muon Barrel System.
Coordination of part of the chamber construction in Russia with a group of the Joint Institute for Nuclear Research of Dubna.
Coordination of a Applied Physics Scientific line experiment (e-beam) on the industrial applications of electron beams, carried on in collaboration with *Unione Industriale del Piemonte (Confindustria)*.

Dirigente di Ricerca — **Jan 2007 - Present**
Istituto Nazionale di Fisica Nucleare, Torino
Continuation of research with CMS, with chamber commissioning, partecipation to data taking from 2008 to 2020 as Shift Leader, Resource Manager of the DT system and since 2020 Muon System Resource Manager.
Director of INFN Torino (2009-2016).
Author of the proposal Neu_ART, for the conversion and reconfiguration of apparatuses designed and built in INFN Torino for CMS Muon Chambers construction, to be used in x-Ray tomography applied to large dimensions artworks in Cultural Heritage. Project approved and funded by POR-FSE of Regione Piemonte, and currently operated at the CCR la Venaria Reale (Torino, Italy).
Research activity in Medical Physics, on the development of beam monitors for

- Sport (competitive fencing and swimming)
- Photography
- Volunteering activities

Cancer Particle Therapy treatments.
Member of the Scientific Commettee of the INFN information magazine ASIMMETRIE (2007-2011).
Since 2010 member of the organising committee of the yearly PhD School Bonaudi-Chiavassa Giornate di Studio sui Rivelatori.
Since 2015 member of the Collegio dei Docenti of the PhD school in Electrical, Electronics and Communications Engineering of Politecnico di Torino with curriculum in “Electronic Devices” in convention with the National Institute for Nuclear Physics (INFN).

Director of INFN Torino Unit **May 2009 - Apr 2016**
Istituto Nazionale di Fisica Nucleare, Torino/Roma
INFN has 20 Units, located in the Physics Departments of many Italian Universities, and 4 National Laboratories. The Directors of these 24 Units complete the Board of Directors. The Board of Directors exercise policy-making functions and decide on scientific planning of the Institute.
The representatives of the Board of Directors hold office for four years and their mandates may be extended for a further four years for a maximum of two mandates.

Director of INFN External Funds Central Administration Unit **May 2018 - Aug 2021**
Istituto Nazionale di Fisica Nucleare, Frascati
The INFN External Funds Unit (DFE) is a Central Administration body designed to promote and coordinate all INFN fund rising efforts. It is organised to support researchers in project preparation and submission in national and international calls, to facilitate the creation of research collaborative national and international networks, and to support Financial Officers in Grants management and financial reporting.

Scientific Counselor, Italian Embassy in Vienna **Nov 2022 - Present**
MAECI, Vienna

Achievements

1309 published papers, with h-index=186, 5 academic seminars, 17 oral presentations in international conferences, lecturer in 2 international schools.

I consent to the processing of my personal data for the purpose of recruitment for the position to which I am applying.