
Curriculum Vitae

Antonio Zoccoli

Status: June 2017

Personal data:

Name: Antonio Zoccoli
Year of Birth: 1961
Place of Birth: Bologna, Italy

Academic Curriculum:

1980-1985 University Studies in Physics at the University of Bologna

December 1985 Diploma in experimental particle physics

1986-1988 Fellowship from the Italian National Institute for Nuclear Physics (INFN)

1988-1992 Researcher with permanent position at INFN

1992-2003 Associate Professor in Physics at the University di Bologna

2003-Now Full Professor in Physics at the University of Bologna

2006-2011 Director of the INFN section of Bologna

2008-Now President of Fondazione Giuseppe Occhialini (Fossombrone-Italy)

2012-Now Member of the INFN Executive Board. Responsible of the INFN budget and for all the INFN research activities in High Energy Physics. Responsible for the INFN Scientific computing. Responsible of the INFN Research infrastructures activities.

2013-2014 Vice-President of INFN

2016-Now

2016-Now Member of the Board of Directors of the Gran Sasso Science Institute (GSSI)

Scientific Activity:

1986-1988 Member of the Muon Catalysed Fusion Collaboration at the Rutherford Appleton Laboratory (UK)

1988-1997 Member of the OBELIX Collaboration at LEAR (CERN).
Goal of the experiment: study of exotic states predicted by the QCD theory, like glueballs, hybrids, etc.
Run coordinator of the experiment for many different data taking.
Responsible of different analysis working Groups.

- 1997-2005** Member of the HERA-B Collaboration at HERA (DESY).
Project leader and Physics Coordinator (2000-2005) of the international HERA-B collaboration at the HERA accelerator (ca. 330 members, 32 participating institutes from 13 countries, volume of investment ca. 30M€). Goal of the experiment: study of the production and decay of heavy quarks in hadronic interactions.
Participation in the data taking of the HERA-B experiment and the physics analysis of the data. Group leader of the Bologna group participating in the HERA-B experiment (ca. 20 members).
- 2005-Now** Member of the ATLAS Collaboration at LHC (CERN).
Goal of the experiment: search of the Higgs Boson, Supersymmetries, etc. Group leader of the Bologna group participating in the ATLAS experiment (ca. 30 members) until 2012.
- 1988-Now** Large activity in frontier detectors and electronics development and realization, like low-energy gamma and neutron detectors, electromagnetic calorimetry, Luminosity monitor, silicon detectors, including radiation damage studies.

Other titles:

- Physics Coordinator of the HERA-B experiment at DESY in Hamburg
- INFN National Coordinator of the HERA-B experiment
- Regular referee for Physical Review Letters and Physical Review D (2000 – now).
- Regular referee for the MIUR-COFN (Ministero dell'Università e della Ricerca, Italy, 1998 – now).
- Italian representative in the ECFA Committee (European Committee for Future Accelerators)
- Alternate of the Italian representative in the H2020 Program Committee on Research Infrastructures
- Italian Representative in ESFRI (European Strategy Forum on Research Infrastructures), panel PSE (physics, science and engineering).
- Italian Representative in the CERN RRB (Research Review Board)
- Regular referee for the INFN Committee on subnuclear physics
- Member of different INFN and University Committee
- Responsible of many research grants

- Winner of the Pietro Bassi Award (2002) of the Italian Physical Society (SIF)
- Winner of the HEPP 2013 Award (High Energy and Particle Physics Prize of the European Physical Society), together with the ATLAS and CMS collaborations , for the discovery of the Higgs Boson
- Author of more than 700 scientific and technical publications on international journals. More than 20 presentations and invited talks at National and International conferences. H-Index = 59 according to SCOPUS database (may 2017).