

Stefano Ragazzi - Curriculum Vitae

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Academic and research positions

- 2006-present **Professor**, University of Milano-Bicocca, Milano
- 2000-2006 Associate Professor, University of Milano-Bicocca, Milano
- 1992-2000 Associate Professor, University of Milano, Milano
- 1990-1992 "Primo Ricercatore" (2nd level, intermediate, of research position in INFN), INFN Sezione di Milano, Milano
- 1983-1990 Researcher, INFN, Sezione di Milano, Milano
- 1979-1982 Research fellowship, University of Milano, Milano

Main Responsibilities in Organization

- 2022-present Coordinator of the Ph.D. Course in Physics and Astronomy University of Milano-Bicocca
- 2012-2020 Director of INFN Laboratori Nazionali del Gran Sasso
- 2009-2020 member of INFN Board of Directors (Consiglio Direttivo)
- 2009-2012 Director of INFN Sezione di Milano-Bicocca
- 2006-2012 Chair of the Coordination Board of Physics and Astrophysics Courses in Milano-Bicocca University
- 2006-2012 Member of the Council (Consiglio di Presidenza) of the Faculty of Sciences of Milano-Bicocca University
- 2003-2012 Member of Council of the Ph.D. Course in Physics and Astronomy, University of Milano-Bicocca
- 2013-2019 Member of Council of the Ph.D. School in Physics at Gran Sasso Science Institute, L'Aquila

Advisory Boards and Evaluation Panels

- 2014-2015 Member of the Horizon 2020 Advisory Group for Research Infrastructures (including e-Infrastructures)
- 2015 External evaluator of four ESFRI projects
- 2017 External evaluator of two ESFRI projects
- 2015-2022 Expert evaluator for ERC grants
- Evaluator for SNSF grants

Competitive research grants

- **2013 ERC Advanced Grant:** PI of HOLMES The Electron Capture Decay of ^{163}Ho to Measure the Electron Neutrino Mass with sub-eV sensitivity. Funded with 3,057,067 Euro by the European Research Council.
- PRIN 2017: PI of a project involving Milano-Bicocca University, Padova University, Gran Sasso Science institute and INFN, funded with 764 kEuro.
- PRIN 2010-2011: P.I. of a Project for "Development of ultra-high radiopure detectors to probe the neutrino nature and mass through double beta decay" involving Research Units of Milano-Bicocca, Roma La Sapienza, Roma Tre, Genova, Padova, INFN; Funded with 1,020,600 Euro
- PRIN 2005 (Italian Ministry of Research 2-year Grant): Responsible of Milano-Bicocca Research Unity (P.I. Prof. Sandro Centro, Padova University); Milano-Bicocca Unity funded with 128,000 Euro.

Publications

- [More than 1500 publications](#) in refereed international journals with over 50,000 citations and 5 papers exceeding 500 citations (h-index = 116, source Web Of Science. Numerous publications in refereed conference proceedings.
- Several oral presentations at international conferences and schools.

Main Responsibilities in Coordination of Research

- 1992-2000 Project Leader of the HPC Electromagnetic Calorimeter in the DELPHI experiment at the LEP collider at CERN
- 1996-1998 Spokesperson of the SPY/NA56 Experiment at CERN SPS
- 1997 Coordinator of a test exposure of a 50 litres liquid argon chamber to the WANF neutrino beam in CERN
- 2000-2001 Spokesperson of the MONOLITH collaboration (project of an atmospheric neutrino magnetic spectrometer)
- 2004-2009 Coordinator of Milano-Bicocca research activity in the CMS experiment at CERN LHC, and member of CMS Institution Board
- 2007-2009 National coordinator of INFN activities in construction and commissioning of the ECAL electromagnetic calorimeter of the CMS detector at CERN LHC
- 2007-2010 Deputy-Chair of the ECAL Institution Board and Finance Board
- 2007-2010 Member of the ECAL Steering Committee

Research Activity

- 2014-present HOLMES: an experiment for direct measurement of the neutrino mass - PI
- 2002-present CMS experiment at CERN LHC – INFN National Coordinator for ECAL; Deputy Chair of the ECAL Institution Board
- 1999-2001 MONOLITH project: a project for a 35 kton magnetized iron detector for atmospheric neutrinos - Spokesperson
- 1997-1998 test of a liquid argon detector prototype on the WANF neutrino beam in CERN - PI
- 1996-1997 SPY/NA56 experiment at CERN; the experiment measured secondary particle yields for 450 GeV protons on beryllium targets - Spokesperson
- 1983-2000 DELPHI experiment at the LEP electron-positron collider in CERN – Project Leader of the HPC electromagnetic calorimeter
- 1987-1989 Double beta decay of ^{136}Xe with a high-pressure gas proportional chamber
- 1980-1986 NUSEX experiment in the Mt. Blanc underground laboratory; search for proton decay; study of atmospheric neutrino flux.
- 1978-1979 WA14 experiment at CERN-SPS; High-energy neutrino interactions in the Gargamelle bubble chamber.

Career supervision

- 2022-present: As PhD Coordinator, coordination of the activities of more than 100 PhD students.
- 2000-2012: 7 PhD students and 15 Master students at the Department of Physics, University of Milano-Bicocca.
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