

Massimo Passera

Curriculum Vitae

Embassy of Italy
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Nationality: Italian

Education

1998 PhD in Theoretical Physics, New York University, New York, NY, USA

Professional Experience

Nov 2022 – present Science Counselor, Embassy of Italy, Seoul, Republic of Korea
June 2019 – present Research Director, National Institute for Nuclear Physics (INFN), Padova, Italy
May – July 2019 Scientific Associate, CERN, Switzerland
2015 – 2019 Senior Researcher, INFN, Padova, Italy
2005 – 2015 Staff Researcher, INFN, Padova, Italy
2001 – 2005 Postdoctoral Researcher, University of Padova, Italy & University of Valencia, Spain
1998 – 2001 Postdoctoral Researcher, Institute for Theoretical Physics, Univ. of Bern, Switzerland

Coordination Activities

2013–17, 2021 – present Member of Faculty Board, PhD School in Physics, University of Padova
2020 – present Member of the MUonE Institution Board
2011 – 2019 Coordinator of the Theory Group, INFN, Padova
2011 – 2019 Member of National Scientific Committee for Theoretical Physics, INFN
2015 – 2016 Member of Board of Directors, PhD School in Physics, University of Padova
2006 – 2010 Coordinator of the Padua team of the European Union RTN project HEPTOOLS

Referee Activities

2023 – present Reviewer for bilateral executive programs for scientific and technological cooperation, Italian Ministry of Foreign Affairs and International Cooperation
2004 – present Referee for Journal of High Energy Physics, Nuclear Physics B, Physical Review D, Physics Letters B, Progress in Particle and Nuclear Physics, Reviews in Physics, EPJ Web of Conferences (guest editor)
2011 – 2019 Referee for National Scientific Committee for Theoretical Physics, INFN
2022 Member of Full-Professorship Promotion Committee, University of Zurich
2021 President of selection committee of Galileo Galilei Institute research grants
2018 Reviewer for European Research Council (ERC)
2018 Reviewer for ETH Zurich Research Commission
2011 Reviewer for City University of New York (CUNY) research awards

Visiting Scientist

Visits since 2005 CERN, Switzerland
Visits since 2011 Korea Institute for Advanced Study, Seoul, Republic of Korea
08.2018, 08.2019 University of Washington, Seattle, USA
07.2018 Nagoya University, Japan
07–09.2016 Columbia University, USA
08–09.2011, 08.2012 Indian Institute of Science, Bangalore, India
08.1997, 08–09.1998 Stanford Linear Accelerator Center, USA

08.1998 Fermi National Accelerator Laboratory, USA
06–08.1996 & 1997 Brookhaven National Laboratory, USA

Publications

1996 – present <https://inspirehep.net/literature?q=a%20passera>

Teaching and Advising

2006 – present PhD, MS, & BS theses advisor, Department of Physics, University of Padova, Italy
2020, 2022 PhD & MS theses referee, University of Dresden and University of Zurich
2012, 2017, 2018 PhD & MS theses co-advisor, Universities of Bern, Bologna, and Pisa
2018–20, 2022 Contract professor, Galilean School of Higher Education, University of Padova, Italy
2009, 2011, 2013–16 Invited lecturer, PhD School in Physics, University of Padova, Italy
2007–08, 2012–15, 2018 Invited lecturer, Institute for Theoretical Physics, University of Bern, Switzerland
1994 – 1997 Lecturer in Physics, Cooper Union School of Engineering, New York City, USA
1993 – 1997 Teaching assistant, New York University, USA

Seminars and Schools

1996 – present 100+ invited talks at conferences, universities and research institutes
2023 (expected) CERN Academic Training Lectures. Topic: “Muon $g-2$ ”
2008, 2010, 2013, 2018–19 Invited lecturer at graduate and international schools in Austria, Denmark, Italy, Japan, and Russia

Conferences Organization

2011 – present Member of the International Advisory Committee of the international conferences “ e^+e^- collisions from phi to psi”, Novosibirsk, Rome, Hefei, Mainz, Shanghai
2015 – present Member of the organizing committee of the workshops “Flavour changing and conserving processes”, Capri, Italy
2018 – present Member of the organizing committee of the workshops “The evaluation of the leading hadronic contribution to the muon $g-2$ ”, Mainz, Germany
2017 Chair of the organizing committee of the workshop “Muon-electron scattering: Theory kickoff workshop”, Padova, Italy
2016 Member of the organizing committee of the 6th KIAS workshop on Particle Physics and Cosmology, Seoul, Korea

Outreach

2012 – 2016 Chair of the Outreach Committee of the European Union ITN project INVISIBLES
2011 – 2020 Lecturer of the European Masterclasses for high-school students
2021 YouTube scientific dissemination: www.youtube.com/watch?v=mNuR1xZgvvU, www.youtube.com/watch?v=dN52pGfcwv0, <https://youtu.be/ie3Gj0WvRlk>

Languages

Italian (native); English (full professional proficiency)

Other

2017 – present Sommelier of the Italian Sommelier Association (AIS)

Seoul, June 8, 2023