

Gianluca Inguglia' Curriculum Vitae

Personal information

Name: Inguglia, Gianluca
Institute: HEPHY, Georg-Coch-Platz 2, 1010, Vienna, Austria
Current position: Group Leader (tenured)
ORCID: 0000-0003-0331-8279
Date of birth: 16 October, 1981
Nationality: ITALY
Homepage URL: Gianluca Inguglia
Research Interest: Fundamental physics, dark matter, gravitational waves, particle physics.

Education

2014 Ph.D. in Physics, Queen Mary University of London, UK.
2011 M.Sc. in Physics, University of Groningen, The Netherlands.
2008 B.Sc. in Astronomy, University of Bologna, Italy.

Scientific positions

Since 2024 HEPHY Group Leader (tenured), Austrian Academy of Sciences.
2020-2024 HEPHY Junior Group Leader, tenure track, Austrian Academy of Sciences.
2017-2020 Postdoc, HEPHY-Vienna, Austria.
2014-2017 DESY postdoc Fellow, DESY-Hamburg, Germany.

Third-party fundings acquired

Total third-party funding acquired since 2018: 2,125,411.00 EUR.

InterLeptons: A search for new Interactions at Belle II using leptons, European Research Council, Starting Grant, funding ID ERC-StG nr. 947006, 1,486,137.00 EUR, 11/2020–10/2025.

Improved search for $B^+ \rightarrow \bar{\nu}_\tau K^+ \nu_\tau$ at Belle II, FWF Austrian Science Fund, PIP, funding ID FWF PAT1823724, 360,940.00 EUR, 2018–2022.

Search for dark matter and dark forces at Belle II, FWF Austrian Science Fund, Stand-Alone, funding ID FWF P31361-N36, 278,334.00 EUR, 2018–2022.

Supervision of graduate students

Since 2021 O(10) Master students, O(10) PhD students, 6 postdocs.

Management and commission of trust

since 2024	Member of the Belle II Publications Committee.
2019-2023	Chair of the Belle II Statistics Advisory Committee.
Since 2020	Member of the management of the Institute of High Energy Physics of the Austrian Academy of Sciences.
2019-2023	Member of the Executive Board of the Belle experiment.
2019-2013	Convenor for the Belle Collaboration of the Dark Sector Physics group.
Since 2019	Convenor for the JENNIFER II Consortium of the Dark Sector Physics activities.
2019-2021	Liaison for the Belle2 Machine Learning group and Belle II Stat. Adv. Committee.
2019-2021	Deputy chair of the Belle II Statistics Advisory Committee.
2018-2023	Project leader, project FWF Stand-Alone P31361, <i>Searches for dark matter and dark forces at Belle II</i> , HEPHY, Vienna.
2017-2018	Convenor of the Belle II Statistics and New Physics Group.
Since 2015	Expert referee for the Science and Technology Facilities Council (STFC), for the Italian Ministry of education, and expert referee for <i>Journal of High Energy Physics</i> , <i>IoP</i> , <i>Physics Letters B</i> , Chinese Physics C.

List of selected invited presentations at international conferences

2024	ICHEP2024, Precision measurements of τ lepton decays at Belle II, Prague, Czech Republic.
2023	TAU2023, Wishlist for new results expected at Tau2025, Louisville, US.
2022	IPPP Beyond flavour anomalies, What other LFU ratios will add, Durham.
2021	Les Rencontres de Moriond QCD, latest results in τ and dark sector physics at Belle.
2019	La Thuile 2019: “Dark Sector Physics Within Belle II”.

List of selected invited seminars or Colloquia

2024	New Physics at Belle II, seminar “Flavour Physics beyond the Standard Model”, KIT.
2022	The InterLeptons project and the search for new fundamental interactions at Belle II, Atom Institute, AT (remote).
2020	Search for new interactions at Belle II, Birmingham University, UK (remote).
2019	Hunting for new interactions at Belle II, University of Siegen, Germany.
2018	Light dark matter searches at collider, Univerista’ di Roma Tre, Roma, Italy.

Organisation of scientific meetings

2024	Organising Committee Member of TAUP2023, Vienna.
2023	Chair of Alpine Physics Symposium (ALPS) 2023, Obergurgl, Austria
2022	Chair of IPA 2022 (Interplay between Particle and Astroparticle physics), Vienna.
2021	Chair of <i>Anomalies and Precision in the Belle II Era</i> , Vienna, September 2021.
2019	Chair of <i>Z' and exotic searches at Belle II</i> , Vienna, April 2019.