

## GABRIELE SIRRI

ACADEMIC RANK	Senior Research Staff - INFN Adjunct Professor at Department of Physics and Astronomy – University of Bologna	
INSTITUTION	Istituto Nazionale di Fisica Nucleare Sezione di Bologna V.le Berti Pichat 6/2 40127 Bologna	
FIELD OF INTEREST	experimental sub-nuclear physics, focused on neutrino and dark universe	
	ORCID	0000-0003-2626-2853
	WoS ResearcherID	J-5067-2012
	Scopus Author Identifier	6602315420
EDUCATION	2003 1999  1992	Ph.D. in Physics (Dottorato di Ricerca in Fisica), University of Bologna Master Degree in Physics (Laurea in Fisica), Magna Cum Laude (110/110 e Lode) University of Bologna High School Diploma: Maturita' Scientifica (Scientific Lyceum), Grade: 60/60 (top grade). Liceo Scientifico Forlì
PROFESSIONAL RECORDS	2020-present 2011-2019 2006-2010 2003-2005	Senior Research Staff at INFN Bologna Research Staff at INFN Bologna Research Staff at INFN Bologna (temporary position) Post-Doc in experimental particle physics (INFN and University of Bologna)
FELLOWSHIPS	2001-2003 2000 1999	Fellow in the fields of electronics-computing-instruments at INFN Bologna Fellow for graduated students at INFN Bologna Fellow for undergraduate students at LNGS (Laboratori Nazionali del Gran Sasso)
RESEARCH ACTIVITIES	2020-present 2018-present 2015-present 2016-2022 2013 2011-2014 2009-present 2012  2001-2015  2002/2008 2003-2008  1997-1999 1999-2000	SBN neutrino oscillation project at Fermilab with ICARUS collaboration DUNE Neutrino oscillation project at Fermilab EUCLID ESA Space Mission ENUBET ERC Grant Project Study of CP violation in the leptonic sector NESSIE at CERN and FERMILAB (experimental proposal). MoEDAL experiment at LHC Cross check of neutrino speed measurement on the CNGS beam and solution of the superluminal neutrino anomaly OPERA experiment at Gran Sasso for observation of tau neutrinos by muon-neutrino to tau-neutrino oscillations in neutrino beam from CERN to Gran Sasso Measurement of nuclear fragmentation with nuclear track detectors SLIM experiment at Chacaltaya Laboratory (Bolivia) for high-altitude search of massive penetrating particles in cosmic radiation Radon Measurements in Gran Sasso Laboratories MACRO experiment at Gran Sasso for the study of rare phenomena in penetrating cosmic radiation.
COORDINATION OF RESEARCH PROJECTS	2022-present 2017-2023 2015-2023 2016-2022  2016-2020 2016-2020 2015-2016 2011-2016 2012-2016 2004-2012	Co-Convener of the SAND tracker working group for DUNE Group Leader of INFN Bologna for ENUBET Group Leader of INFN Bologna for EUCLID Convener of WP4 Veto and Timing System for ENUBET ERC Grant agreement ID: 681647  Technical Coordinator of NISP-ICU integration for EUCLID Deputy Leader for Assembly Integration and Test of NISP-WE for EUCLID Group Leader of INFN Bologna for OPERA Convener of the Simulation and Reconstruction working group for NESSIE Coordinator of Bologna-Padova Nuclear Emulsion Scanning Facility for OPERA Coordinator of Bologna Nuclear Emulsion Scanning Facility for OPERA

SCIENTIFIC AND MANAGEMENT BOARDS FOR RESEARCH	2020-2025	Member of an INFN-FBK panel (gruppo di monitoraggio) for joint research programs based on Micro Electro-Mechanical Systems			
	2023-2025	Observer in the INFN National Scientific Committee 1 for Particle Physics (CSN1)			
	2019-2025	Member of the INFN National Scientific Committee 2 for Astroparticle Physics (CSN2)			
	2015-2018	Member of the Collaboration Board of OPERA (ex-officio)			
	2010-2011	Member of the Collaboration Board of OPERA as representative of young collaborators (elective)			
PEER REVIEW	2021-2025	Referee of the DAMA experiment for INFN CSN2			
	2019-present	Referee of the NUCLEUS experiment for INFN CSN2			
	2019-2023	Referee of the NEWS experiment for INFN CSN2			
	2015-present	Reviewer for the journal JINST			
	2005-present	Reviewer for the journal Nuclear Instruments and Methods A			
ORGANIZATION OF CONFERENCES, WORKSHOPS AND SCHOOL	2024	3rd INFN School on Underground Physics: Theory and Experiments, Bertinoro			
	2024	15th International Neutrino Summer School 2024, Bologna (Co-Chair LoC)			
	2022	XLI Int. Conference on High Energy Physics ICHEP 2022, Bologna			
	2008	24th Int. Conference on Nuclear Tracks in Solids (ICNTS), Bologna			
INSTITUTIONAL SERVICES	2024	Member of examination board for PhD in Physics, University of Bologna			
	2023	Selection Committee for post-doc Grant, BANDO 417/202, University of Bologna			
	2019	Member of admission committee for PhD Physics (XXX cycle), University of Bologna			
	2013-2016	Responsabile Unico del Procedimento (sole responsible of procedure in public procurement)			
TECHNOLOGY TRANSFER	2020	INFN TT-TTA_19PD_007 third-parties contract work for the development of a MILBUS-1553 simulator application software			
OUTREACH	2024	InVISIBLE Project. In search of the hidden characters in the cosmos and science (outreach events held at primary schools and kindergartens)			
	2024	"Alla ricerca dell'universo oscuro con EUCLID", amateur astronomer group of Forlì			
HABILITATIONS	2024	ANVUR Research Quality Assessment 2020 – 2024 admitted to the Group of evaluation experts (GEV) for evalution in Area 02/A1 Experimental physics of fundamental interactions <i>not selected by lot</i>			
AWARDS	2024	STAR Prize in the Team Engineer category, by EUCLID Consortium to VIS and NISP commissioning team for the excellent job performed in commissioning the two instruments			
	2022	EULER awards, EUclid Consortim Long-term Exceptional achievement Reward (EULER) award for contributions to the NISP Instruments			
TEACHING	2012-present	Adjunct Professor at Physics and Astronomy Dept., University of Bologna - "Statistical Data Analysis For Nuclear And Subnuclear Physics (Module 3)" - "Computer Science for High Energy Physics (Module 3)" (since 2022)			
	2007-2008	Adjunct Professor at Chem. Pharm. Technologies Dept., University of Bologna - "Physics" (laboratory)			
SUPERVISION AND MENTORING		Bachelor: 5 theses as supervisor and 1 as co-supervisor Master: 8 theses as supervisor and 5 as co-supervisor + 1 in progress Ph.D.: 1 as co-supervisor + 2 in progress.  Tutoring (without being listed as an official co-supervisor) of other 20+ master students, PhD students and internships			
TALKS AND SEMINARS		16 presentations at international conferences, including 6 invited talks. 20 and more poster contributions to international conferences			
BIBLIOMETRIC INDICES		Database	ISI-WOS	INSPIRE	Scopus
		Papers	249	283	362
		Citations	21872	45373	24793
		H-index	53	73	56