

# Stefano Bianchi

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## RESEARCH PROFILE

High-energy astrophysics of accreting compact objects, with particular emphasis on active galactic nuclei, accretion flows, winds and circumnuclear matter. Expertise in high-resolution X-ray spectroscopy, X-ray polarimetry and the observational investigation of supermassive black holes and their environments.

## EDITORIAL EXPERIENCE

**Review Editor**, Frontiers in Astronomy and Space Sciences

**Editorial Board Member**, Galaxies

**Referee** for ApJ, MNRAS, A&A, Galaxies and Frontiers.

## SCIENTIFIC EVALUATION AND SERVICE

**XMM-Newton** Chair, AO-19/AO-20 Proposal Review; member, AO-10/AO-11 Proposal Review; Users Group (2018–2023).

**Time allocation committees** XRISM AO2 and AO3; Chandra Cycles 11 and 17; INTEGRAL AO-12/AO-13; HST Cycle 25, Round 2, ESO, Gemini Telescope and LBT.

**Research evaluation** MSCA; NASA Postdoctoral Program; Latvian Council of Science; Nicolaus Copernicus Astronomical Center, Polish Academy of Sciences; Italian SIR, PRIN and Futuro in Ricerca programmes.

## AWARDED OBSERVING TIME

PI of accepted proposals: 1 XRISM, 7 XMM-Newton, 3 Chandra, 2 Suzaku, 2 ESO, 3 NuSTAR (including 1 Large Programme), 2 HST and 1 LBT.

## PUBLICATIONS

362 refereed papers; approximately 16,000 citations; h-index 62 (NASA ADS Oct 2026).

## RESEARCH FUNDING

**2020–2024** AHEAD2020, H2020-EU.1.4; local lead

**2015–2016** ASI NuSTAR Archive Research Opportunity 2015; local coordinator

**2013–2017** FP7 Space; local coordinator

**2012–2014** PRIN INAF; local coordinator

**2004** Marie Curie Intra-European Fellowship, proposal 515102

## TEACHING AT ROMA TRE

High Energy Astrophysics and General Astrophysics (MSc in Physics). Previously: General Physics I and II problem classes (BSc in Physics).

## ACADEMIC APPOINTMENTS

**2016–present** Associate Professor, Roma Tre University

**2011–2016** Researcher, Roma Tre University

**2010–March 2011** Researcher, INAF–Brera Astronomical Observatory

**2006–2010** Postdoctoral Research Fellow, Roma Tre University

**2004–2006** ESA Internal Fellow, ESAC, Spain

## EDUCATION

**2004** PhD in Physics, Roma Tre University

**2000** Laurea in Physics, summa cum laude, Roma Tre University

## SPACE MISSION INVOLVEMENT

**IXPE** Science Team

**NewAthena** Member, SWG 2

**LISA** core member - Astrophysics Working Group

**HEROIX** Co-lead AGN WG

**GECO** Lead AGN WG

**eXTP** Consortium member

Previous roles: **AXIS** Co-lead, Accretion Physics Sub-Working Group; **HEX-P** Co-Investigator; member of the **XIPE** Science Team, **LOFT** Observatory Science Working Group and **NHXM** Science Team.

## HONOURS AND AWARDS

**2024 Bruno Rossi Prize** (AAS High Energy Astrophysics Division), awarded to the IXPE Team

**2007 Premio Città di Monselice** for Scientific Translation (Italian translation of H. C. von Baeyer's Information: The New Language of Science)

## SCIENTIFIC MEETINGS AND OUTREACH

**From the Dolomites to the event horizon.** Lead organiser of the biennial strong-gravity workshop in Sexten since 2011

**La Fisica incontra la Città.** Lead organiser since 2020