

Office: INAF – IASF Palermo
Institute of Space Astrophysics and Cosmic Physics
Via Ugo La Malfa 153, 80146, Palermo, Italy

ciro.pinto@inaf.it
(+39) 091 6809 488
<http://www.ifc.inaf.it/index.php/personal-pages/ciro-pinto/>

Employment History

Staff Researcher (Level III), INAF – IASF Palermo, Italy	December 2019 – Present
Research Fellow, ESTEC, European Space Agency, NL	December 2018 – November 2019
Research Associate, University of Cambridge, UK	December 2012 – November 2018

Academic History

PhD in physics obtained at the University of Nijmegen & SRON, Utrecht, Netherlands	Nov 2008 – Nov 2012
" <i>The composition of the interstellar medium in Galaxy as seen through X-rays</i> "	(Defence: 26 February 2013)
M. Sc. in Physics, University of Naples, "Federico II", Naples, Italy.	
" <i>X-ray variability study of active galactic nuclei</i> " (with honours)	Nov 2005 – May 2008
B. Sc. in Physics, University of Naples, "Federico II", Naples, Italy.	
" <i>Gravitational Lensing of active galactic nuclei</i> "	Oct 2000 – Oct 2005

Teaching experience

Tutorials on thermal radiation processes at Palermo University (UNIPA)	2022 – Present
Astrophysics Laboratory of thermal X-ray plasmas at Palermo University (UNIPA)	2022 – Present
Supervision of PhD students, Cambridge/IOA, Leiden/ESTEC and Palermo/INAF	2012 – Present
Tutorials for "Galaxies" lectures, Utrecht University, The Netherlands	2010 – 2011
Tutorials for "General relativity for astrophysics", Utrecht University	2009 – 2010
16 PhD and Master students supervised at Cambridge, Leiden and Palermo/INAF+UNIPA	
Reviewer of PhD, Master, Bachelor thesis and examiner of students at Palermo, Utrecht and Warsaw institutes	

Observing awards as PI

XMM-Newton: AO22, 260 ks - AO20, 260 ks - AO19, 130 ks - AO18, 805 ks - AO17, 250 ks - AO16, 750 ks - AO15, 120 ks - AO14, 120 ks - AO13, 80 ks - Chandra, GTO17, 500 ks - co-I for 50+ with different facilities

Grants awarded as PI

PRIN MUR 2022: 212,000 € for the project "SEAWIND: Super-Eddington Accretion, Wind, Inflow & Disk"
Research Grant: 32,000 € for the project called "*A Catalog of X-ray Spectral Lines in ULXs*"
4 travel grants awarded for a total of 6,500 € (AHEAD O3-O5, AHEAD2020 O3, CXC Research Visitor Prog.)
INAF grant: 4,500 € to organise the international meeting: Young Astronomers on Galactic Nuclei 2023

Summary of publications and talks

153 accepted papers in peer-reviewed journals of 224 (20 as 1st author, H-index=43) orcid:0000-0003-2532-7379
4 articles in *Nature* (1 as first author, 1 as 2nd author), 3 in *Nature Astronomy*, 1 article in *Science*
Over 60 conference and workshop talks and public seminars

Service to the community

Member of the ATHENA X-IFU, eXTP and Theseus consortia. Member of TAC panels for X-ray satellite observations and grant applications. Member of the Science Working Group for the ATHENA, Hitomi, LEM and HEX-P X-ray observatories. Referee for A&A, MNRAS and ApJ journals.
Seven press releases (one as PI) in ESA, NASA and JAXA on results obtained with XMM-Newton and Hitomi.
Outreach seminars and talks for primary and secondary school students in ESTEC, Cambridge and Palermo.
Public Q&A days such as "*100 minutes of astronomy AskESA*" and *European Researcher's Night 2020-2022*.

Computing Skills

Operating systems: Mac OS, Linux and Windows. Programming languages: Bash Shell and python.
Data analysis: IDL, Matlab, XMM-SAS, CIAO, FTOOLS, SPEX, XSPEC, Monte Carlo simulations.

Language Skills

Italian (mother tongue), English (fluent), Dutch (basic knowledge), French and Spanish (elementary knowledge)