

Curriculum Vitae Europass

Personal Info

Last name/ name
Date / place of birth

Sigismondi Costantino
21 Agosto 1969, Rome



Formation and Research

Professional experience

History of Astronomy, Solar Physics and General Physics Professor.

Dates 1998-now
Works **Relativistic Astrophysics, Solar Physics and History of Astronomy / Professor Secretary Commission C3 of International Astronomical Union on History of Astronomy**
Duties Adjunct Professor /Full Professor / [IAU C3 at-Large Member elected for 2024-2027](#) +Eclipse WG
Institutions ICRA/ ICRANet /ITIS G. Ferraris Roma / [Ateneo Pontificio Regina Apostolorum](#) Roma/ **Sapienza** / IAU
Activity Research/ Teaching/ Director of Science Dept./ University Duties/ Congress organizations

Dates 2000-2014
Works **Researcher in Solar Physics and History of Astronomy**
Institutions Yale University, NASA GSFC, Université de Nice-Sophia Antipolis, IAP Paris / MCTI / [Observatorio Nacional](#); [CBPF Rio de Janeiro](#), [UFRJ Rio-Brasil](#), ICRA Roma and ICRANet Pescara, APRA Roma.

Dates 1998-2000
Works Postdoc
Domain Research / Solar Physics
Institution ICRA /Sapienza Università di Roma and Osservatorio Astronomico di Roma - Monte Mario.

Formation: PhD (two)

Theoretical Physics (1998, Sapienza) Relativistic Astrophysics (2011, Nice-Sophia Antipolis)

Dates/Level 2007-2011/ International PhD and title of **Maître de Conférence** in France
University Science de l'Universe / Université de Nice-Sophia Antipolis
themes Solar diameter secular variations; Jean Arnaud and Alberto Egidi Advisors
Dates/Level 1994-1998 / PhD
University Theoretical Physics -777 / Sapienza Università di Roma
Themes Neutrino free-streaming in the Primordial Universe, Remo Ruffini Advisor

Formation: Degrees (two)

Physics (1994, Sapienza) Sacred Theology (1998, Pontificia Universitas Lateranensis)

Dates 1993-1998
University Licence **Pontificia Universitas Lateranensis**
Themes Exegesis of the New Testament: The Star of Bethlehem / Romano Penna advisor
Dates 1988-1994
University Degree in Physics / Sapienza Università di Roma
Themes X-ray Astrophysics: Raytracing of BeppoSAX satellite /Giuseppe Cesare Perola advisor

Staff member of International Institutions IAU C3 + IAU Eclipses WG

IRSOL Istituto Ricerche Solari di Locarno (Svizzera 2008-2025), ON (Observatorio Nacional, Rio de Janeiro 2011-2014). CBPF (Centro Brasileiro de Pesquisa Fisica, Rio de Janeiro 2011-2014). Meridiana Clementina di S. Maria degli Angeli (Roma 1999-present). Yale University Astronomy Department (2000-2006). Astrophysical Observatory Asiago (Italy, 1995-present). Vatican Museums (2024-present). Ministry of Italian Culture (2010-now)

Active Member in Citizen Science since 1997

Variable stars **AAVSO.org** & Meteors **IMO.net contributing member**. Sc. Instrum. Committee, 2008-

Visiting Professor

Observatorio Nacional Rio de Janeiro (2011-2014) Centro Brasileiro de Pesquisa Fisica (2013-2014) IRSOL Locarno (2008-2025), IAP Paris (2010-2012), ARCSEC/Sejong University Seoul (2005-2012) Yale University Astronomy Dept. (2000-2006) NASA/Goddard SFC (2001) Asiago Astrophysical Observatory (1995-2024) AAVSO HQ (Boston, 2004-12) Huairou Solar Observatory CN (2009-2012) NRIAG-Cairo (2006/2009/2025) CONICET Buenos Aires (2010) ESO Chile (1999) and Fermilab (1999).

Mother thongue	Italian / (*) Common European reference for languages				
Self Evaluation					
European Level (*)					
French (Nice/IAP-Paris-FR)					
English (Yale Un.-USA)					
Portuguese (Rio- BR)					
Russian and German (Sapienza)					
Latin /Greek /Hebrew	Classical studies since Lyceum /Lateran University Studies on Exegesis of New / Old Testament				
Information Technology	Office/Classroom suites. Excel up to FFT. Open Source Softwares for images/astronomy. Web html				
Art	National Tour Guide (English and French) since 2010 (Italian Ministry of Culture #12002654)				
Other competences	Federal coach of Athletics Track & Field (since 1993).				
Driving Licence	A/B since 21 october 1987.				
Academic References	Paolo De Bernardis (Astrophysics, Sapienza), Cosimo Palagiano (Geography), Lincei Acad.				
Astronomy	Prof. Remo Ruffini (Theoretical Physics) ICRANet, Pescara, Prof. Rafael Pascual (APRA /				
Solar Physics	ISF). Prof. Paolo Rossi (History of Science) Università di Pisa, Prof. F. Berrilli (Roma2)				
History of Astronomy	Prof. Cesare Barbieri (Astronomy) Università di Padova, Prof. Sabatino Sofia (Yale),				
Exegesis	Prof. Alexandre Humberto Andrei (Astronomy) Universidad Federal do Rio de Janeiro, Dr. Michele Bianda (Astronomy) Istituto Ricerche Solari di Locarno, Switzerland, Prof.ssa Marianne Faurobert (Astronomy) Université de Sophia-Antipolis, France, Prof. Romano Penna (Exegesis of the New Testament) Lateran University.				
Books and Academic Journals' editor:	Nonlinear Gravitodynamics with R. Ruffini (2003). GERBERTVS International Academic online publication on History of Medieval Science dal 2010: 21 volumes ISSN 2038-355X, BALMER Bollettino Astronomico delle Linee Meridiane e delle Effemeridi di Roma. (since 2023, 2 volumes) ISSN 2038 - 3630. La Sfera da Gerberto al Sacrobosco UPRA 2008, Effemeridi UPRA 2009, Astronomia di Posizione per Muoni UPRA 2009, Gerberto Epistolario UPRA 2012 . Orbe Novus, Doctissima Virgo, UPRA 2008/9. Meridiani e Longitudini a Roma 2006, ISPra Mem. Italian Geological Map, Universe Specials 2021-5.				
GERBERTVS (2010-)					
BALMER (2023-)					
Gerbertus meetings, organizer and editor with the late Flavio G. Nuvolone (+2019)					
Recent papers	On Solar Physics, Am. J. of Physics, Ap. J, Universe; more than 450 papers online on NASA/ADS , ISPRAmbiente.gov.it , Atti di Convegni dell'Accademia dei Lincei (2024). Fitting the Crab Supernova with a Gamma-Ray Burst (Universe, 2024) Eclipses: A Brief History of Celestial Mechanics, Astrometry and Astrophysics (Universe, 2024) Signal-to Noise improvements for observations of 2023 Betelgeuse's Occultation JOA2024_1 The Great Dimming of the Hypergiant Star RW Cephei: CHARA Images and Spectra ApJ 2023				
Previous papers here					
Communications	ATel #16635: Naked eye observations of Aurorae at low magnetic latitudes ATel #16501: New pulsating modes for Betelgeuse ATel #16374: The occultation of Betelgeuse by Leona on Dec 12 01:12 UT ATel #16001: Monitoring Betelgeuse at its brightest ATel #15991: Videorecording Baily beads of the eclipse of 20 April 2023 ATel #15800: RW Cephei great dimming ATel #15240: The brighter phase of Betelgeuse since 2017 ATel #13982: Second dust cloud on Betelgeuse ATel #13601: Rapid rising of Betelgeuse's luminosity ATel #5989: Limb darkening scan during 163 Erigone occultation of Regulus				
Participation to Congresses (most recent, previous here)	2025 Cassini 400 (INAF/BO), Solarigraphy (Praha), SAT (Bellinzona, CH- 2025), 2024 Marcel Grossmann XVII on General Relativity (Pescara 7-12 luglio 2024) Solar Eclipse Planning Workshop (2023 S. Antonio TX), chair HR2 2023 Toponymy: Literary, polar and extraterrestrial place names (Roma Lincei 24 nov 2023) Chair of the session Literary and Polar names (cover photo) 2021 MG XVI chair HR1 2019-2023 Sei giornate di Geologia e Storia, ISPra , Palazzetto Mattei, Roma, speaker				
Special Schools	ASYAGO Asiago School for Young Astronomers with Galileo telescope Observations: Founder and Teaching board, since 2016 . Special School on Solar Flares (2024-2025) ICRANet - PCTO with Liceo Galilei di Pescara since 2015 : links from Betelgeuse Dimming on				

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e art. 13 del GDPR - Regolamento UE 2016/679

