

6th Scientific Writing FOR YOUNG ASTRONOMERS



5-9 MAY 2025

SINTRA • PORTUGAL

PROGRAM



Astronomy
& Astrophysics



edp sciences

Practical Information

Venue

The 6th Scientific Writing for Young Astronomers will take place on 5–9 May 2025 in Sintra, Portugal.

The workshops will take place at the NH Sintra Centro.

Accommodation for participants will also be provided at the [NH Sintra Centro](#).

About Sintra

Sintra is a picturesque town renowned for its stunning landscapes, historic architecture, and rich cultural heritage. Nestled in the foothills of the Sintra Mountains, this UNESCO World Heritage Site offers a unique blend of natural beauty and man-made wonders. Visitors can explore the enchanting Pena Palace, known for its colourful and eclectic design, as well as the Moorish Castle, which provides breathtaking views over the region.

The town itself is filled with charming streets, inviting cafes, and unique shops, creating a delightful atmosphere for leisurely walks and local discoveries. Sintra is also home to the intriguing and extravagant Quinta da Regaleira, a palace surrounded by lush gardens, mystical grottoes, and intricate pathways.

Nature enthusiasts will appreciate the nearby Sintra-Cascais Natural Park, where scenic trails wind through verdant forests and along dramatic cliffs. With its mild climate and captivating scenery, Sintra provides an ideal setting for both relaxation and exploration.

Located approximately 30 kilometres from Lisbon, Sintra is easily accessible by public transport. It is just a 40-minute train ride from Lisbon's city centre, with frequent services running from the Oriente and Rossio Stations. Alternatively, a short drive of about 30 kilometres will bring you to Sintra. A ride-hailing service from Lisbon airport to a hotel in Sintra costs around 20 EUR.

Programme

DAY 0: Monday

- 17:00 – 20:00 Registration
18:30 – 21:00 Welcome Reception

DAY 1: Tuesday

SESSION 1: Morning

- 09:00 – 09:10 **A. Moitinho:**
Welcome Remarks
- 09:10 – 10:00 **T. Forveille:**
Scientific publishing: General intro /
publication landscape
- 10:00 – 10:30 **A. Kučinskas:**
The Astronomy & Astrophysics journal
- 10:30 – 11:00 Coffee break
- 11:00 – 12:00 **R. Kotak:**
Why write papers?
- 12:00 – 13:00 **H. Kinnan & M. Coronado:**
Scientific writing: The language
perspective
- 13:00 – 14:30 Lunch

SESSION 2: Afternoon

- 14:30 – 16:00 Parallel hands-on workshops
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Parallel hands-on workshops
- 20:00 Dinner

DAY 2: Wednesday

SESSION 3: Morning

- 09:00 – 10:00 **J. Alves:**
Introduction to visual communication
- 10:00 – 10:45 **S. Shore:**
Writing a scientific paper
- 11:00 – 11:15 Group Photo
- Lunch (packed food)
- 11:35 – 18:00 Excursion
- 19:00 – 22:00 Banquet

DAY 3: Thursday

SESSION 4: Morning

- 09:00 – 10:00 **J. Alves:**
Ethical issues and good scientific
practice
- 10:00 – 11:00 **L. Cambrésy:**
From your paper to VizieR and
SIMBAD
- 11:00 – 11:30 Coffee break
- 11:30 – 12:30 **A. Moitinho:**
AI tools in scientific writing
- 12:30 – 14:30 Lunch

SESSION 5: Afternoon

- 14:30 – 16:00 Parallel hands-on workshops
- 16:00 – 16:30 Coffee break
- 16:30 – 18:00 Parallel hands-on workshop
- 20:00 Dinner

DAY 4: Friday

SESSION 6: Morning

- 09:00 – 10:00 **T. Forveille:**
The refereeing process / work of a
science editor
- 10:00 – 10:45 **C. Van Rooyen:**
Maximising the impact of your
astronomy research: Strategies for
promoting your articles
- 10:45 – 11:15 Coffee break
- 11:15 – 12:00 **S. La Barbera:**
Producing A&A: The publisher's view
- 12:00 – 12:45 **U. Grothkopf:**
Open Access – The Good the Bad and
the Ugly
- 12:45 – 13:00 **A. Kučinskas & A. Moitinho:**
Summary and farewell
- 13:00 Lunch

END

List of lecturers

A&A

André Moitinho (Organizer)



Professor Moitinho de Almeida's main research interests include the structure and evolution of the Milky Way, star clusters, and data visualisation, being responsible for the development of the visualisation services for the ESA Gaia mission. He was the chairperson of the A&A Board of Directors between 2016 and 2022, during which he steered the transition of A&A to an Open Access journal, while keeping it free to publish for authors from the A&A sponsoring countries.

Arūnas Kučinskas (Chairperson of the A&A Board of Directors)



Professor at Vilnius University, Chairperson of the A&A Board of Directors [since 2023]. His main research interests include 3D hydrodynamical modeling of stellar atmospheres, non-LTE radiative transfer, and spectroscopic studies of old Galactic stellar populations.

Thierry Forveille (A&A Editor in Chief)



Astronomer at the Observatoire de Grenoble and the Editor-in-Chief of Astronomy & Astrophysics. His main field of current research is the observational study of brown dwarfs and extrasolar planets.

João Alves (A&A Letters Editor in Chief)



João Alves is a professor of stellar astrophysics at the University of Vienna in Austria. His main research focuses on the formation, evolution, and collapse of diffuse interstellar gas clouds that lead to the birth of stars and planets. He is particularly interested in the scientific opportunities offered by the European Space Agency's Gaia mission, the forthcoming European Extremely Large Telescope, and in tracing the Solar System's trajectory through the Milky Way over the past 20 million years, including potential signatures left on Earth by encounters with interstellar clouds.

Rubina Kotak (A&A Associate Editor)



Dept. of Physics & Astronomy, Uni. of Turku, Finland She received her Ph.D degree in 2003 from Lund University, Sweden, her thesis title being "Inside Pulsating White Dwarfs: Clues from time-resolved spectroscopy". From 2002 to 2005, she worked at Imperial College London under a fellowship of the Royal Commission of the Exhibition of 1851. From 2005 to 2006, she was an ESO Fellow at Garching. From 2007 to 2017, she was an Associate Professor / Reader at Queen's Uni. Belfast, UK, after which she started at her current position. Her research interests include supernovae, explosive transients, massive stars, and gravitational waves.

Steve Shore (A&A Associate Editor)



Steve Shore is professor of astrophysics in the physics department of the University of Pisa, a position he has held since 2003. His observational and theoretical research, rooted in spectroscopy and hydrodynamics, includes classical and recurrent novae, stellar winds and jets, accretion processes in close binary systems, evolution of massive stars, stellar dynamo processes, and interstellar turbulence.

Shore has been a scientific editor of A&A since 2003. He was a scientific editor of the *Astrophysical Journal* from 1996-2003.

Shore obtained his MSc in Earth and Space Sciences from SUNY-Stony Brook, his PhD in astronomy from the University of Toronto, did postdoctoral research at Columbia University, and has been faculty at Case Western Reserve University, New Mexico Institute of Mining and Technology, and, before coming to Europe, a decade as chair in physics at Indiana University South Bend. He has also been an operations astronomer at Space Telescope Science Institute and a team member of the Goddard High Resolution Spectrograph (GHRS) on HST at NASA Goddard Space Flight Center.

Helenka Kinnan (A&A Language Editor)



Helenka Kinnan has been a Language Editor for about 20 years, at A&A since 2012. She is originally from New York and her training is in teaching English to non-native speakers. Helenka has lived in Rome for nearly 40 years. She was an EFL teacher and a Cambridge Examiner. Her main focus as a teacher was helping students improve their writing skills in order to pass what was then called the First Certificate examination.

Michael Coronado (A&A Language Editor)



With A&A since 2022, Michael holds a B.A. in English literature from UC Santa Barbara and a professional training certificate in copyediting from UC San Diego. He has freelanced for clients in both the U.S. and Europe as a proofreader/copyeditor. Michael is also part of a translation collective, where he edits texts translated from French to English.

Uta Grothkopf (Head Librarian, European Southern Observatory)



Uta is the Head of the Library, Documentation, and Information Services (LDIS) department at the European Southern Observatory (ESO), an inter-governmental research organisation in astronomy. She monitors evolving scholarly communication tools and trends in publishing in order to provide advice and guidance to ESO's researchers.

Uta has been speaking at many conferences and workshops, focusing in particular on digital libraries, bibliometrics, and open access/open science. She was actively involved in the organisation of LISA (Library and Information Services in Astronomy) conferences, and has been a lecturer at previous SWYA (Scientific Writing for Young Astronomers) Schools. Uta is a member of the Astronomy & Astrophysics (A&A) Strategy Focus Group and works with other librarians, publishers, and scientists on Open Access models without author-facing costs in the Subscribe to Open Community of Practice (S2O CoP).

CDS

Laurent Cambresy (CDS database expert)



Astronomer at the Centre de Données Astronomiques de Strasbourg (CDS). He provides science expertise for SIMBAD and VizieR databases. His main research topics are interstellar medium and star formation in nearby molecular clouds.

Selina La Barbera (Editorial Director at EDP Sciences)

Selina La Barbera is a scientific publishing professional with over a decade of experience bridging research, industry, and innovation. She holds a degree in Electronic Engineering from Politecnico di Torino (Italy) and a PhD from CNRS (France). After working in academic and industrial R&D at CEA Leti, contributing to neuromorphic and AI hardware development within major European programs, she transitioned to publishing at Springer Nature, serving as Senior Scientific Editor at Nature Communications. There, she led strategic editorial initiatives, including the launch of thematic collections and organizing Nature Conference events, while actively fostering collaboration between academia and industry. Now Publishing Director, Journals at EDP Sciences, Selina is committed to expanding the journal portfolio, deepening engagement with the scientific community, and supporting the transition toward open access.

Charlotte Van Rooyen (Marketing & Communications Director at EDP Sciences)

Charlotte Van Rooyen has 35 years of experience in academic publishing, including 20 years at Oxford University Press. She is Director of Marketing & Communications at EDP Sciences, the publisher of Astronomy & Astrophysics. Her expertise lies in research communication, journal development, and publishing strategy, with a strong focus on helping researchers maximise the visibility and impact of their work. She is also actively engaged in Open Access initiatives, including the Subscribe to Open Community of Practice, supporting sustainable and equitable publishing models.

Scientific Organizing Committees (SOC)***André Moitinho (Organizer)******Arūnas Kučinskas (Chairperson of the A&A Board of Directors)******Thierry Forveille (A&A Editor in Chief)******João Alves (A&A Letters Editor in Chief)*****Local Organizing Committee (LOC)*****André Moitinho de Almeida******Charlotte Van Rooyen******Sandro Moreira******Duarte Almeida******Pedro Azóia******Leonor Bernardo***

Attendee List

Name	Institute	Country	Thesis theme/Research topic
Alba Covelo Paz	University of Geneva	Switzerland	High-redshift galaxies with JWST observations
Aline Rangøy Brunvoll	University of Oslo	Norway	Detection of micro- and nanoflares in solar observations using machine learning techniques
Anupama Mohanan	Doctoral Student	Poland	Connecting Dust Attenuation with Radio Emission in Galaxies
Carlota Prieto Jiménez	Centro de Astrobiología de Madrid (CSIC-INTA)	Spain	Astrophysics of galaxies
Carolina Ortiz Rodríguez	Universität Hamburg	Germany	Convection and dynamos in late-type evolved stars
Charis Tsakonas	National and Kapodistrian University of Athens	Greece	Galaxy formation and evolution, focusing on the recent interaction history of Andromeda (M31) through N-body hydrodynamical simulations to study its halo substructures and compare with chemodynamical observations.
Desmond Dsouza	Leibniz institute for Astrophysics, Potsdam (AIP)	Germany	What co-eval wide binaries can tell us about the activity scatter of field stars
Duarte Almeida	CENTRA/LIP - University of Lisbon	Portugal	Open cluster mass loss under the Galactic tidal field
Efrem Maconi	University of Vienna	Austria	Characterization of the galactic environment encountered by the solar system while traveling through the Milky Way
Elias Roland Udnæs	University of Oslo	Norway	Solar physics/ wave heating
Hedieh Abdollahi	IPM institute, Konkoly Observatory, and HUN-REN CSFK	Hungary	Analysis of RR-Lyrae stars through space-based photometry and astrometry with TESS and Gaia
João Duarte	LIP/CENTRA	Portugal	Dust corrections for Type Ia supernovae and their host galaxies
Konstantinos Tsalapatas	The Oskar Klein Centre, Department of Astronomy, Stockholm University	Greece	Observational studies of core-collapse supernovae
Lennart Boehm	European Southern Observatory	Germany	Cluster formation and accretion flows in the high-mass star forming cluster W33 Main
Leonor Bernardo		Portugal	Solar system / Mars
Liana Hambardzumyan	Byurakan Astrophysical Observatory	Armenia	Studies of stationary features in jets nozzle in radio-loud AGN
Manon Regamey	UNIGE	Switzerland	Cosmological inference from galaxy cluster surveys
Markus Bredberg	EPFL	Switzerland	Classification and generation of diffuse cluster radio emission with the scattering transform
Marta García Rivas	Astronomical Institute of the Czech Academy of Sciences	Czech Republic	Spectropolarimetric investigation of solar pores and sunspots.
Mousumi Mahato	Tartu Observatory, University of Tartu	Estonia	Insights into giant radio galaxies: impact of AGN duty cycle and cosmic web environment
Natalie Allen	Cosmic Dawn Center, Neils Bohr Institute	Denmark	Studying the evolution and properties of high-z ($z>5$) galaxies using JWST and Euclid
Ninad Khobrekar	Junior Research Fellow at Tartu Observatory, University of Tartu.	Estonia	Numerical modelling of superluminous supernovae: from hidden engine to observable radiation
Pedro Azóia	Faculty of Sciences, University of Lisbon	Portugal	Open cluster ages
Rodrigo Silva	CENTRA- FEUP	Portugal	Galactic Centre
Sandro Moreira	CENTRA/LIP - University of Lisbon	Portugal	Dynamics of the Milky Way open cluster population.
Scarlett Ortega	Universidad de Concepción	Chile	To determine the ages of globular clusters in the Galactic Bulge through near-infrared photometry.
Semya Amouche Tønnessen	University of Oslo/Rosseland Centre for Solar Physics	Norway	My research topic is in solar and stellar atmospheres, focusing on the formation of Lyman lines.
Thomas Oliveira	Observatoire Astronomique de Strasbourg	France	Star formation history in the solar neighbourhood from the evolution of X-ray emission of young stars
Veronika Mitrokhina	Tartu Observatory, University of Tartu	Estonia	Traces of accretion in the spectra of young hot stars
Zoe Jones	University of Tartu, Tartu Observatory	Estonia	Predicting the location of galaxies in the cosmic web from their properties

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