



43rd National Congress
of the Italian Society for the History of Physics and Astronomy
Department of Physics and Astronomy, University of Padua,
and INAF-Astronomical Observatory of Padua
5-8 September 2023

Second Announcement

We are happy to announce that the 43rd yearly Congress of the *Italian Society for the History of Physics and Astronomy* (SISFA) will be held at the Department of Physics and Astronomy of the University of Padova and at the INAF-Astronomical Observatory of Padova on **5-8 September 2023**.

General Information and Scientific Program

Organizer: SISFA (Società Italiana degli Storici della Fisica e dell'Astronomia).

Organizing and Scientific Committee: Salvatore Esposito (Università di Napoli Federico II); Ivana Gambaro (Università degli Studi di Genova); Mauro Gargano (INAF-Osservatorio Astronomico di Capodimonte, Napoli); Roberto Lalli (DIMEAS, Politecnico di Torino); Adele La Rana (Università di Macerata); Flavia Marcacci (Pontificia Università Lateranense, Roma), Fanny Marcon (CAM, Università di Padova); Giulio Peruzzi (Dipartimento di Fisica e Astronomia "Galileo Galilei", Università di Padova); Sofia Talas (CAM, Università di Padova); Valeria Zanini (INAF-Osservatorio Astronomico di Padova).

Local Organizing Committee: Caterina Boccato (INAF-Osservatorio Astronomico di Padova); Sabrina Carraro (INAF-Osservatorio Astronomico di Padova); Stefano Ciroi (Dipartimento di Fisica e Astronomia "Galileo Galilei", Università di Padova), Federico Di Giacomo (INAF-Osservatorio Astronomico di Padova); Marco Dima (INAF-Osservatorio Astronomico di Padova); Fanny Marcon (CAM, Università di Padova); Serena Pastore (INAF-Osservatorio Astronomico di Padova); Sofia Talas (CAM, Università di Padova); Simone Zaggia (INAF-Osservatorio Astronomico di Padova); Valeria Zanini (INAF-Osservatorio Astronomico di Padova)

Congress official web page: <https://indico.ict.inaf.it/e/padova-2023>

Congress official email address: congresso@sisfa.org

The Congress:

The Meeting is one of a well-established series that SISFA has been organizing on a yearly basis since its foundation. It aims at promoting the research activities in the history of physics and astronomy in Italy, carried out not only by academic historians but also by independent scholars and school teachers willing to explore the role of the history of physics and astronomy in the present-day teaching of the disciplines. At the same time, the Meeting provides an opportunity to strengthen the collaborations and establish new links among the members of SISFA and the members of other scholarly societies, as well as researchers working in the same and in related fields.

Historians of physics and astronomy are invited to participate, and the invitation is extended to all scholars and researchers sharing the same kind of interests.

- The Meeting will host both invited talks and oral communications. The official languages will be both Italian and English. More detailed information and updating will soon appear on the Meeting website: <https://indico.ict.inaf.it/e/padova-2023>
- The *Premio di Laurea SISFA 2023* for the Best Graduate Thesis in History of Physics and/or History of Astronomy will be awarded during the Congress.

Topics:

Proposals for oral communications should mainly address the history of physics and astronomy, also in connection with the related areas of mathematics, chemistry and the history of science and culture. Studies focusing on historical instruments and documentary sources regarding the mentioned fields are also relevant to the purposes of the Congress, as well as the applications of the history of physics and astronomy in science education and in museum displays.

Special events:

- **Giuliano Romano: 100 anni dalla nascita e 10 anni dalla morte / Giuliano Romano: One Hundred Years After his Birth and Ten Years After his Death**
Free lecturer in Astrophysics, Giuliano Romano (1923-2013) was professor of Cosmology and History of Astronomy at the University of Padua, as well as one of the most important Italian archaeoastronomers in the 20th century.

invited speakers:

Elio Antonello, President of the SIA - Italian Society of Archaeoastronomy

Gabriele Umbriaco, Università di Bologna

Thematic sessions:

- **Storia della Fisica e dell'Astronomia tra Padova e il mondo: da Giovanni Poleni a Bruno Rossi e oltre / History of Physics and Astronomy Between Padua and the World: From Giovanni Poleni to Bruno Rossi, and Beyond**
Dedicated to two scientists who worked both on physics and astronomy, this session will present papers related to the history of physics and astronomy from the 18th to the 20th century.

- **Copernico e il nuovo Cosmo / Copernicus' Changeover From the Old to the New Cosmos**
This session will celebrate the 550th anniversary of Nicolaus Copernicus' birth and intends to focus on the events that marks a watershed between the ancient cosmology and the new astronomy.
Invited speakers:
Pietro Daniel Omodeo, Università Ca' Foscari, Venezia
Lucio Russo, Sapienza Università di Roma
Matteo Valleriani, Max Planck Institute for the History of Science, Berlin
- **1623-2023: Il Saggiatore e la nascita della scienza moderna / 1623-2023: The Assayer and the Birth of Modern Science**
This session will celebrate the 400th anniversary of the publication of Galileo's famous book. It will host discussions on its author and on the birth and development of modern physical science in the 17th and 18th centuries.
Invited speakers:
John Heilbron, Professor Emeritus UC Berkeley University
Jochen Büttner, Max Planck Institute for the History of Science, Berlin
- **Musei, Archivi e collezioni scientifiche di fisica e astronomia in Italia e nel mondo / Museums, Archives, and Scientific Collections of Physics and Astronomy in Italy and Abroad**
The historical collections of instruments and documents testify to scientific progress, and they are still resources for teaching and research. This session will give space to Italian and foreign historical collections.
Invited speakers:
Roland Wittje, President of the SIC - Scientific Instrument Symposium
Martina Schiavon, Université de Lorraine
- **Dialogo tra storia, didattica e divulgazione in fisica e astronomia / Dialogue Between History, Teaching and Dissemination in Physics and Astronomy**
This session will focus on the connections between science education, public engagement and the history of physics and astronomy.
Invited speakers:
Françoise Khantine-Langlois, Unité de Recherche Sciences, Société, Historicité, Éducation et Pratiques, Université Claude Bernard Lyon 1
Miriam Focaccia, Centro Ricerche Enrico Fermi, Roma
Joint contribution:
Ignacio Idoyaga and M. Gabriela Lorenzo, Universidad de Buenos Aires

Video shooting:

The talks will be broadcast live streaming. The presentations will be recorded using the online platform and the related videos will become later available on our dedicated channel of YouTube SISFAMedia (unless explicit refusal by the contributor).

Special events:

During the meeting some special events are planned, such as visits to the [“Giovanni Poleni” Museum](#), the [“Enrico Bernardi” Museum of Machines](#) and [Museum La Specola](#). Also, a special pre-congress event will be held to present *Touch Sky | carte, mappe, atlanti celesti*, the first INAF documentary. More details will appear on the meeting website.

Registration, abstract submission, conference fees, deadlines:

The conference is open to both members and non-members, but **non-members who have never attended a SISFA conference should also submit their CV** to congresso@sisfa.org. Registration is mandatory in order to attend the conference. Non-invited speakers have to finalize their registration after paying the conference fee. The conference fee will include lunches and coffee breaks, and will be used to partially cover the cost of the publication of the proceedings of the conference that will be published online and open access with Pisa University Press.

Abstracts of oral communications should be submitted in English. All abstracts will be peer-reviewed on behalf of the SISFA scientific committee. Please see below for more details regarding important dates, abstract submission, conference fees, registration.

Important Dates

- a) **Abstract submission** (**NEW deadline: 12 June 2023**): the abstract should be submitted in English using the form that appears clicking the button **Submit new abstract** on the Congress web page: <https://indico.ict.inaf.it/e/padova-2023>

Abstracts should have a length between 100 and 250 words and include no bibliography. Abstracts and the presentation of oral communications should comply with the procedures indicated in: <http://www.sisfa.org/wp-content/uploads/2022/03/Norme-comunicazione-atti-Congresso-SISFA.pdf>

Indico account: The website of the conference is powered by the Indico event management system. To submit an abstract, it is necessary to use your INDICO or IDEM account. If you do not have one yet, request it by writing: for the SISFA Congress. It will be quickly activated.

- b) **Notification of acceptance** (**25 June 2023**)
- c) **Payment of conference fee** (**deadline 16 July 2023**) applying to the specific situation (see below)
- d) **Registration** (**deadline 16 July 2023**): please, register after having paid the conference fee by filling the blanks as appropriate in the “Congress registration” area on the Congress web page:

<https://indico.ict.inaf.it/e/padova-2023>

Amount of conference fees:

different conference fees apply to 1) SISFA and 2) non SISFA members. Reductions do also apply (see note*) for special categories of participants.

CONFERENCE FEES	
SISFA members	
Full Conference fee	€ 150
*Reduced Conference fee	€ 50
Non SISFA members	
Full Conference fee	€ 200
*Reduced Conference fee	€ 100
* Reduced Conference fees apply in general to the following categories: 1) Undergraduate students; 2) current MPhil or PhD students; 3) current Secondary-school teachers.	

SISFA members are intended as those in good standing for the year 2023. Please, ensure that your 2023 membership fee has been paid. If not already done, please do so (payment system and membership fees on the SISFA webpage: <http://www.sisfa.org/i-soci/rinnovo>).

Payment system: By bank transfer using the IBAN code and bank details below. Please, remember to write 2023+SURNAME in the comments field (Causale) to allow us proper administrative handling:

SISFA (Società Italiana degli Storici della Fisica e della Astronomia)

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