



45th National Congress
of the Italian Society for the History of Physics and Astronomy
Department of Physics, University of Genova,
9-12 September 2025

First Announcement

We are happy to announce that the 45th yearly Congress of the *Italian Society for the History of Physics and Astronomy* (SISFA) will be held at the Department of Physics of the University of Genova on **9-12 September 2025**.

General Information and Scientific Program

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

Organizing and Scientific Committee: Salvatore Esposito (Università Federico II, Napoli); Ivana Gambaro (Università di Genova); Mauro Gargano (INAF, Osservatorio Astronomico di Capodimonte); Gianluca Gemme (INFN Genova); Enrico Giannetto (Università di Bergamo); Salvatore Magazù (Università di Messina); Elisabetta Rossi (Università di Bologna); Silvano Tosi (Università di Genova); Valeria Zanini (INAF, Osservatorio Astronomico di Padova); Filippo Maria Zerbi (INAF, Osservatorio Astronomico di Brera; Università di Genova).

Local Organizing Committee: Elena Angeli (Università di Genova); Gaia Delucchi (Università di Genova); Ivana Gambaro (Università di Genova); Moreno Monticelli (Università di Genova); Silvano Tosi (Università di Genova); Davide Zerbi (StarAntola); Filippo Maria Zerbi (INAF-Osservatorio Astronomico di Brera; Università di Genova)

Congress official web page: <https://indico.ict.inaf.it/e/genova-2025>

Congress official email address: congresso@sisfa.org

The Congress:

The Meeting is one of a well-established series that SISFA has been organizing every year since its foundation. It aims to promote the research activities in the history of physics and astronomy in Italy, carried out by academic historians and 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 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 updates will soon appear on the Meeting web site: <https://indico.ict.inaf.it/e/genova-2025>
- The *Premio di Laurea SISFA 2025* 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, 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 museum displays.

Thematic sessions:

- **Gian Domenico Cassini: 400 anni dalla nascita / *Gian Domenico Cassini: Four Hundred Years After his Birth***
Mathematician and astronomer, Gian Domenico Cassini (1625-1712) born in Perinaldo (IM) and educated at the Collegio dei Gesuiti in Genova, was professor of astronomy at the University of Bologna, then astronomer at the Observatoire Royal in Paris (1669-1712), as well as one of the most important astronomers in the XVII century. This session will celebrate the 400th anniversary of Cassini's birth and intends to focus on the major developments that led to the birth of modern astronomy in the XVI-XVII centuries.
- **Dalla Vecchia Teoria dei Quanti alla Meccanica Quantistica: / *From the Old Quantum Theory to Quantum Mechanics***
From 1925 onwards some articles appeared in the scientific literature that deeply influenced the development of Quantum Theory. W. Heisenberg, E. Schrödinger, N. Bohr and other physicists were the godfathers of the new Quantum Mechanics. This session aims to analyze the themes and the interpretations of the QM.
- **La Fisica e il Mare: conoscere, navigare, esplorare / *Physics and the Sea: Knowing, Sailing, Exploring.***
This session will explore the role of physics in relation to the sea, weaving together historical and contemporary perspectives. From cartography intertwining science and art to the physics of tides; from the problem of determining longitude in navigation to the development of instruments such as sextants, clocks and other devices, up to the KM3NeT, the European telescope and its neutrino detectors located at the bottom of the Mediterranean Sea.
- **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.

- **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.

Video shooting:

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

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 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 other costs connected with the conference.

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, and registration.

Grants

Three grants of 350 euros each will be available for young scholars under the age of 35.

Applicants must be up to date with the SISFA 2025 membership fee and submit their abstracts by the deadline, indicating their interest in the grant by checking the appropriate box during the abstract submission process.

Grant recipients whose abstracts are accepted will be required to publish an article in the SISFA proceedings and will be exempt from the Conference fees.

Important Dates

- Abstract submission** (**15 June 2025**): the abstract should be submitted in English using the form that appears clicking the button **Submit new abstract** on the Congress web page:

Abstracts should have a maximum length of 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** ([13 July 2025](#))
- c) Payment of conference fee** ([deadline 27 July 2025](#)) applying to the specific situation (see below)
- d) Registration** ([deadline 27 July 2025](#)): 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/genova-2025>

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	€ 125
*Reduced Conference fee	€ 45
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) young scholars under the age of 35; 4) current or retired secondary-school teachers.	

SISFA members are intended as those in good standing for the year 2025. Please, ensure that your 2025 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 CONGRESS 2025+SURNAME in the comments field (Causale) to allow us proper administrative handling:

SISFA (Società Italiana degli Storici della Fisica e della Astronomia)
 Vicolo dell'Osservatorio 5, 35122 Padova
IBAN IT34G0306909606100000119180 BIC BCITITMM
 Banca Intesa San Paolo, filiale accentrata Ter S,
 piazza Paolo Ferrari 10, 20121 Milano