

SECOND ANNOUNCEMENT

8th Heidelberg International Symposium on High-Energy Gamma-Ray Astronomy

Milano 2nd – 6th September 2024

<https://indico.ict.inaf.it/event/2661>

The **Heidelberg International Symposium on High-Energy Gamma-Ray Astronomy** ([Gamma2024](#)) will be held in Milano, from 2nd to 6th September 2024.

Registration: The registration to the Symposium is open. Please use the [registration form](#) available on the Gamma2024 web page. Note that regular registration is open from March 25th to August 1st.

Abstract submission: Abstracts for contributed talks and posters for the Gamma2024 can be submitted from April 15th to June 15th using [this form](#).

Symposium format: The Symposium format allows for up to 120 Posters, 80 Invited/Contributed talks (20m each), several invited Reviews (45m each) and Highlights (25m each) talks.

Venue: The Symposium will be hosted by the Università di Milano "La Statale" and will take place at the Aula Magna, in the historical building, Via Festa del Perdono 7. For parallel sessions, an additional room close to the Aula Magna will be available (Room n. 431).

Conference fee: Regular registration (deadline August 1st): 450 Euro, Late/On-site registration: 550 Euro, Student (M.S./Ph.D) registration (deadline August 1st): 250 Euro, Student Late/On-site registration: 300 Euro. We are pleased to announce a limited amount of financial support for Ph.D. students.

Lunches and coffee breaks are included in the conference fee. Also included is the Conference Dinner which will take place at the Museo Nazionale della Scienza e della Tecnologia Leonardo da Vinci, Via San Vittore 21.

Accommodation: Several hotels are available in the University Area or connected by public transportation. September is still the high season in Milano, so we recommend you to book accommodation as soon as possible via the most common booking channels.

Visa application: If you need an invitation letter for a visa application, please contact us as soon as possible (gamma2024@inaf.it). Please note that you must register first before applying for a visa invitation letter.

TOPICS ADDRESSED DURING THE SYMPOSIUM

Reviews

- *Open questions in extragalactic jetted object*
- *High-energy phenomena related to pulsars*
- *Neutrinos, cosmic rays and gamma rays*

Special Highlight talk

- *LHAASO Highlights*

Highlights (instrumental)

- *Highlights from H.E.S.S.*
- *Highlights from MAGIC*
- *Highlights from LST-1*
- *Highlights from VERITAS*
- *Highlights from HAWC*
- *Gamma rays from space missions*
- *Gamma-ray observations with IACT and astroparticle arrays from the ground: the future*

Highlights (topical)

- *Gamma rays from binaries*
- *On the acceleration of Galactic cosmic rays*
- *Gamma rays from the Cygnus region*
- *Constraining cosmic ray propagation through gamma-rays*
- *Gamma-ray bursts*
- *Dark matter search prospects in gamma-ray astronomy: from the Galactic Center to external galaxies*
- *Gamma-ray propagation, magnetic field and EBL constraints from HE and VHE observations*
- *EBL in the IR domain*
- *Gravitational waves and high-energy astrophysics: a multi-messenger approach*
- *The population of SNRs at GeV energies revealed with Fermi*
- *Microquasars at HE, VHE, and UHE*
- *Firmamento: a new-concept, web-based, data analysis tool dedicated to multimessenger astronomical sources*

Invited papers on upcoming projects

- *CTAO updates*
- *ASTRI updates*
- *SWGO updates*
- *AUGER updates*
- *LACT updates*

Rapporteur Talks

- *Galactic Science*
- *Extra-galactic Science*

Historical session

- *TBD*

Further information (registration dates, fees, proceedings, etc.) can be found on the Gamma2024 website.

We are looking forward to seeing you in Milano!

G. Pareschi, F. Aharonian, A. Giuliani, and S. Vercellone

On behalf of SOC and LOC