

IWARA2026 - 12th International Workshop on Astronomy and Relativistic Astrophysics

First Announcement



**IWARA
2026**

“International Workshop on Astronomy
and Relativistic Astrophysics”.

31 de agosto al 4 de setiembre 2026.
Cinvestav, CDMX, México.
Auditorio “José Adem”

Local organizing committee

Tonatiuh Matos (chair), Cinvestav,
tonatiuh.matos@cinvestav.mx
Peter Hess, ICN-UNAM, hess@nucleares.unam.mx
Tula Bernal, UAChapingo, tbernal@chapingo.mx
Argelia Bernal, UGto, bernal.a@ugto.mx
Alberto Vazquez, ICF-UNAM, javazquez@icf.unam.mx
Gabriella Piccinelli, FES Aragon, itzamna@unam.mx

  

<https://indico.cern.ch/event/iwara2026/> ¿?????

Mexico City, August 31 – September 4, 2026

This event is the twelfth in a series of meetings that bring together scientists working in gravitation, cosmology, astroparticle physics, nuclear physics, and related fields. As in previous years, the IWARA2026 meeting sessions will consist of invited lectures and contributions, poster sessions, and will address, among other topics, recent advances in the following areas:

- General relativity and gravitation
- Gravity and the unification of fundamental interactions
- New directions for general relativity
- Theoretical and observational cosmology
- Dark energy and dark matter
- Gravitational waves
- Quantum gravity and quantum cosmology
- Black hole physics and astrophysics
- Inflation
- First instants of the Universe
- Cosmic microwave background radiation
- First stars, hypernovae, and faint supernovae in the Universe
- White dwarfs, neutron stars and pulsars
- Gamma-ray emission in the Universe
- High energy cosmic rays
- Strange matter and strange stars
- High-energy cosmic neutrinos
- Blazars
- Magnetic fields in the Universe

International Organizing Committee

Scientific Advisor Committee:

- Aurora Pérez Martínez – ICIMAF, Cuba
- Benno Bodemann - ICRANet/UFRGS, Brazil
- Carlos Javier Solano Salinas - UNI, Peru
- Cesar Zen Vasconcellos – ICRANet, UFRGS, Brazil
- David Alvarez Castillo - JINR, Dubna
- David Blaschke – University of Wrocław, Poland
- Dimiter Hadjimichef - UFRGS, ICRANet/UFRGS, Brazil
- Dorota Rosinska – Univ. Warsaw, Poland
- Elena Bratkovskaya – GSI, Germany
- Felix Mirabel - UNLP, Argentina
- Fridolin Weber – SDSU, USA
- Gabriela González - LIGO, USA
- Gustavo Gil - UFRGS, Brazil
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- Horst Stoecker – FIAS, Germany
- Hugo Pérez Rojas - ICIMAF, Cuba
- Joerg Aichelin – SUBATECH, France

- Jorge Horvath – IAG, Brazil
- Jorge Rueda - ICRANet, Italy
- José de Freitas Pacheco - OCA, France
- Luciano Rezzolla – FIAS, Germany
- Luis Ureña-López - Universidad de Guanajuato, México
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- Mariana Vargas – UNAM, México
- Milton Rojas Gamarra - UNSAAC, Perú
- Moises Raseira - UNIPAMPA, Brasil
- Peter Hess – UNAM, México
- Remo Ruffini – ICRANet, Italy
- Ricardo González Felipe – ISEL & CFTP/IST, Portugal
- Rodrigo Sacahui - USAC, AGF, Guatemala
- Steven Gullberg – University of Oklahoma, USA
- Thomas Boller – Inst. Max Planck, Germany
- Tonatiuh Matos – Cinvestav, México
- Tsvi Piran - HUJ, Israel
- Ullisses Barres - CBPF, Brasil
- Veronica Dexheimer – Kent State Univ., USA

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- Gabriela Piccinelli – FES-UNAM, itzamna@unam.mx

IWARA2026 VENUE

IWARA2026 will take place in Centro de Investigación y de Estudios Avanzados, located in the north of Mexico-City, Av. Politécnico 2508, Col. San Pedro Zacatenco,
Alc. Gustavo A. Madero, 07010, CDMX, México.

Sponsors:

- **Centro de Investigación y de Estudios Avanzados – Cinvestav**
- **Secretaría de Ciencias, Humanidades, Tecnología e Innovación - SECIHTI**
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- **Instituto de Ciencias Nucleares, Universidad Nacional Autónoma de México ICN-UNAM**
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