

The Irrational Squared “PIPI” Meeting II: High Energy Processes and Compact Objects in the Universe

November 4 - 6 2026 / Planetario de la Ciudad de La Plata
<https://pipifest.fcaglp.unlp.edu.ar/>

Second Announcement

The Irrational Squared “PIPI” Meeting II: High Energy Processes and Compact Objects in the Universe will be held at the Planetarium of the Faculty of Astronomical and Geophysical Sciences (UNLP) in La Plata, Argentina, from November 4 to 6, 2026.

The total number of talks planned for the event is 25. We are expecting 12 invited talks (25 minutes plus 5 for questions) and 13 contributory ones (15+5). In addition to the talks, and maintaining the interdisciplinary and collegial spirit of the first PIPI Meeting, this new edition will include poster sessions. Among undergraduate and doctoral students presenting posters, the “Pipi” Vucetich Award will be given to the best poster, in recognition of the originality, clarity, and quality of the contribution. A committee appointed by the organizers will be responsible for evaluating and selecting the winning work.

Registration

Registration and submission of oral and poster contributions for the conference are open from September 2nd to October 2nd via the following form:

<https://forms.gle/6WqSAbU87B8VSadx8>

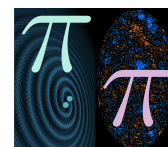
No registration fee is charged to attend the meeting.

Important Information

The talks should preferably be given in English but speakers may also give their talks in Spanish or Portuguese. Slides should be presented in English. Posters should preferably be presented in English as well.

Invited Speakers (titles of the talks may be subject to change):

- ★ Ileana Andruchow (IAR, Buenos Aires, Argentina)
Relativity and Blazars: an observational point of view
- ★ Melina Bersten (IALP-UNLP, Buenos Aires, Argentina)
Stellar explosions in the era of large-scale surveys
- ★ Gustavo Dotti (FAMAF-UNC, CONICET, Córdoba, Argentina)
Black holes and convex foliations



- ★ Mariana Dutra (Aeronautics Institute of Technology-ITA, São Paulo, Brazil)
Dark-Fluid Cores in Neutron Stars: Stellar Structure, Stability, and Astrophysical Constraints
- ★ Ernesto Eiroa (IAFE-UBA, Buenos Aires, Argentina)
Black bounces: an interplay between black holes and wormholes
- ★ Jorge Horvath (USP-IAAG, São Paulo, Brasil)
The mass of the neutron star
- ★ Ang Li (Department of Astronomy, Xiamen University, China)
Constraints on EOS of Ultra-Dense Matter and the perspective of eXTP
- ★ Odilon Lourenço (Aeronautics Institute of Technology-ITA, São Paulo, Brazil)
Compact Stars in the Presence of Dark Matter: Models, Structure, and Astrophysical Implications.
- ★ Carlos Lousto (RIT, Nueva York, Estados Unidos):
The Ultimate Collision of Black Holes: Maximal Gravitational Energy and Momentum Radiated
- ★ Germán Lugones (Universidade Federal do ABC, São Paulo, Brasil)
Breaking the maximum-mass barrier: how out-of-equilibrium physics reshapes compact star stability
- ★ Marcelo Miller Bertolami (IALP-UNLP, Buenos Aires, Argentina)
Formation of trans-iron elements in hot pre-white dwarfs
- ★ Florencia Vieyro (IAR, Buenos Aires, Argentina)
Non-thermal emission and multi-messenger signatures from AGN jets

Organizing Committee:

Lucila Kraiselburd	(FCAG-UNLP, CONICET)
Susana Landau	(IFIBA-UBA, CONICET)
Mauro Mariani	(FCAG-UNLP, CONICET)
Milva Orsaria	(FCAG-UNLP, CONICET)
Ignacio Ranea Sandoval	(FCAG-UNLP, CONICET)
Claudia Scóccola	(DFI-FCFM-UCHile)

If you have any questions or comments, please contact the organizers at: pipimeeting@gmail.com.

Satellite Workshop — IAFE

As a satellite activity of the PIPI Meeting II, Dr. Gabriela Grunfeld will organize a workshop at IAFE (University City, UBA, City of Buenos Aires), tentatively scheduled for Monday, November 9, from 10:00 AM to 6:00 PM. We will have the participation of invited researchers (program to be confirmed). For inquiries about the workshop, please write to: agrunfeld@iafe.uba.ar

Note: the date may be subject to change, as it coincides with the visit of Pope Leo XIV to Buenos Aires. We will confirm the final date in advance.



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