

Rio de Janeiro, December 28th, 2024

First Announcement

International Meeting on

HIGH-ENERGY PHENOMENA IN RELATIVISTIC OUTFLOWS IX

Rio de Janeiro, August 4-8, 2025

<https://hepro9.iar.unlp.edu.ar/>

The series of conferences High-Energy Phenomena in Relativistic Outflows, HEPRO, reaches its ninth edition. Previous editions were held in [Dublin](#) (2007), [Buenos Aires](#) (2009), Barcelona (2011), [Heidelberg](#) (2013), [La Plata](#) (2015), [Moscow](#) (2017), [Barcelona](#) (2019), and [Paris](#) (2023).

HEPRO IX will be held in Rio de Janeiro, Brazil, from August 4 to August 8, 2025. The meeting will be hosted by the [Centro Brasileiro de Pesquisas Físicas \(CBPF\)](#) and the [Instituto Argentino de Radioastronomía \(IAR\)](#). Some specific topics covered during the meeting will be gamma-ray and neutrino production in relativistic outflows, multi-wavelength jet emission, formation and propagation of relativistic jets on different scales, PeVatron sources, and particle acceleration in various relativistic contexts.

The Scientific and Local Organizing Committees are listed below.

SOC:

Felix Aharonian (DIAS, Ireland – MPIK, Germany)
Elena Amato (INAF – Osservatorio Astrofisico di Arcetri, Italy)
Katsuaki Asano (ICRR, U. Tokyo)
Ulisses Barres de Almeida (CBPF, Brazil – Co-chair)
Alberto Carramiñana (INAOE, México)
Paolo Coppi (Yale University, USA)
Roland Crocker (ANU, Australia)
Elisabete Gouveia dal Pino (IAG, USP, Brazil)
Francis Halzen (U. Wisconsin – Madison, USA)
Jim Hinton (MPIK, Heidelberg, Germany)
Martin Lemoine (IAP, France)
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Anita Reimer (U. Innsbruck, Austria)
Nanda Rea (ICE-CSIC, Spain)
Frank Rieger (Heidelberg U. – MPIK, Germany)
Gustavo E. Romero (IAR – FCAG, Argentina – Co-chair)
Samar Safi-Harb (U. Manitoba, Canada)

Dmitri Uzdensky (U. Colorado Boulder, USA)
Xiang-Yu Wang (Nanjing University, China)
Eli Waxman (Weizmann Inst., Israel)
Roberta Zanin (CTAO, Bologna, Italy)

LOCAL ORGANIZING COMMITTEE

ARGENTINA

Gustavo E. Romero (Co-chair, IAR/UNLP)
Florencia Vieyro (IAR/UNLP)
Daniela Pérez (IAR)
Leandro Abaroa (IAR)
Claudia Boeris (IAR/UNLP)

BRAZIL

Ulisses Barres (Co-chair, CBPF)
Raniere de Menezes (CBPF)
Clarissa Siqueira (ON)
Arman Esmaili (PUC-Rio)
Diego Falceta-Gonçalves (USP)
Amanda Siqueira (FCRB)

There will be both invited reviews and highlighted talks that will cover the most recent work in the field. Plenty of time will be devoted to discussions. Some important dates and information to remember:

Conference: August 4-8, 2025
Registration opens: January 17, 2025
Abstract submission: from January 31 to May 15, 2025
Deadline for early registration: June 15, 2025

Venue: “Casa de Rui Barbosa” in Botafogo, Rio de Janeiro, Brazil.

Web: <https://hepro9.iar.unlp.edu.ar/>

Contact information: hepro9@iar-conicet.gov.ar.

Additional information and details is available at the webpage of the meeting, <https://hepro9.iar.unlp.edu.ar/>.

We look forward to seeing you in HEPRO in Rio!

Gustavo E. Romero and Ulisses Barres de Almeida, on behalf of the organizers.