



**ICTP  
SAIFR**

International Centre  
for Theoretical Physics  
South American Institute  
for Fundamental Research

# III LASF4RI FOR HECAP SYMPOSIUM: UPDATE OF THE STRATEGIC PLAN



**August 26 – 29, 2024**  
**at Instituto de Física Teórica, São Paulo, Brazil**

It is widely recognized that large-scale long-term science collaborations deliver lasting benefits to participating nations. Most of these collaborations require large infrastructures. As is done in Europe and the US, the coordination of resources for these large infrastructures among different countries in Latin America is desirable in order to optimize efforts. With the support of many countries and institutions, the initiative for a Latin American Strategy Forum for Research Infrastructure (LASF4RI) was presented at the Meeting of the Iberoamerican Ministers for Science and Technology in 2018, and was included in the final declaration that was ratified at a subsequent meeting of the Heads of State. Within the framework of the Simposio Latino Americano de Física de Altas Energias (SILAFAE) an effort was initiated to formulate a strategy for large collaborations in the region in the areas of Particle Physics and Cosmology.

A first Strategy Plan for High Energy, Cosmology and Astroparticle Physics (HECAP) was concluded in 2020 after a process where 40 White Papers were submitted by the community and presented at the “II Latin American Strategy Forum for Research Infrastructure: an Open Symposium for HECAP” at ICTP-SAIFR. A Physics Briefing Book was written by the Preparatory Group based on White Papers and served as the basis for the LASF4RI-HECAP Strategy Document that was endorsed in a letter by the High Level Strategy Group. One of the outcomes of this process was the creation of the Latin American Association for High Energy, Cosmology and Astroparticle Physics (LAA-HECAP). All these documents are available at [www.lasf4ri.org](http://www.lasf4ri.org).

We are now in the process of an update of the Strategy Document taking into account the developments in the last 4 years. A call for new or updated White Papers was issued in November 2023 and they will be presented at this Symposium, with the participation of the Preparatory Group, High Level Strategy Group, Funding Agencies and representatives of similar efforts around the globe.

The participation of the Latin American HECAP community is essential for the success of this process.

There is no registration fee and limited funds are available for local expenses.

## MAIN TOPICS

**High Energy Physics**

**Cosmology**

**Astroparticle Physics**

**Strategic Planning Efforts in Other Regions**

**Funding Agencies**

**Registration deadline:**  
**July 6, 2024**

**Online registration and more information:**  
**[ictp-saifr.org/hecap2024](http://ictp-saifr.org/hecap2024)**



### ORGANIZERS

**Marta Losada**

New York University Abu Dhabi, UAE

**Diana López Nacir**

University of Buenos Aires, Argentina

**Fernando Quevedo**

University of Cambridge, UK

**Rogério Rosenfeld**

IFT-UNESP / ICTP-SAIFR, Brazil

### ICTP-SAIFR STEERING COMMITTEE

Atish Dabholkar (chair, ICTP director)

Pasqual Barretti (UNESP rector)

Márcio de Castro Silva Filho (FAPESP scientific director)

Hugo Aguilaniu (Serrapilheira president-director)

Helena Nader (Brazilian Academy of Sciences president)

Juan Maldacena (South American representative)

### ICTP-SAIFR SCIENTIFIC COUNCIL

Carlos Brito Cruz (chair, Elsevier)

Rosario Fazio (ICTP)

Ricardo Matheus (IFT-UNESP)

William Bialek (Princeton Univ.)

Eduardo Fradkin (Univ. of Illinois)

Gabriela Gonzalez (Louisiana State Univ.)

André de Gouvêa (Northwestern Univ.)

Michael Green (Cambridge Univ.)

Karen Hallberg (Balseiro Inst.)

Luis Lehner (Perimeter Inst.)

### ICTP-SAIFR STAFF

Nathan Berkovits (Director)

Rogério Rosenfeld (Vice-Director)

Pedro Vieira (Perimeter-SAIFR Coordinator)

Elisa Pomari (Activities Coordinator)

Humberto Neto (Executive Secretary)

Luiz Eduardo Moreira (Computer Systems Manager)

Lilia Faria (Financial Manager)

Marrey Peres, Jr. (Operations Manager)

Thiago Codinhoto (Technical Assistant)

Felipe Saldanha (Communications Coordinator)