



2nd Bulletin

XXXVII Annual Meeting Division of Particles and Fields

**12-14 June 2023 at the Physics
Department of Cinvestav, CdMx**

The Division of Particles and Fields of the Mexican Physical Society organizes the Annual Meeting (RADPyC). The main goals of this Meeting are to encourage graduate students and postdocs to present their research work on high energy physics and to bring together the community working on this field in Mexico. In addition, this Meeting includes review talks on diverse hot topics given by invited speakers.

Scientific Program

The scientific program includes invited and contributed talks, as well as a poster session in the following topics:

- Electroweak and Flavor Physics
- Physics Beyond the Standard Model
- QCD and Hadron Physics
- Instrumentation, Computational and Accelerator Physics
- Astroparticle Physics and Cosmology
- Neutrinos and Dark Matter
- Formal Aspects of Quantum Field Theory

Invited talks:

- ALICE status update, Gerardo Herrera Corral (Cinvestav)
- Belle-II status update, Pedro Podesta (UAS)
- CMS status update, Rogelio Reyes (Cinvestav)
- Dirac or Majorana nature of neutrinos, C.S. Kim (Yonsei Univ, South Korea)
- Flavor symmetries, Myriam Mondragón (IF-UNAM)
- Neutrinos and dark matter, Carlos Vaquera (Conacyt & IF-UG)
- Looking for CEvNS of reactor antineutrinos with the CONNIE Experiment, Alexis Aguilar-Arévalo (ICN-UNAM)
- Machine Learning techniques in high energy colliders, Roger Hernández-Pinto (UAS)
- Theoretical perspectives on hep, Lorenzo Díaz-Cruz (BUAP)

Registration

We encourage everyone to Register and Submit contributions at <https://indico.nucleares.unam.mx/event/2060>

Important dates:

- Abstract Submission and registration start date: May 21, 2023
- Abstract Submission deadline: June 7th, 2023
- Registration Deadline: June 10th, 2023

Organizing Committee

- Gabriel López Castro (Cinvestav), email: gabriel.lopez@cinvestav.mx
- Pablo Roig Garcés (Cinvestav), email: pablo.roig@cinvestav.mx
- Eduard de la Cruz Burelo (Cinvestav), email: e.delacruz.burelo@cinvestav.mx
- Omar G. Miranda Romagnoli (Cinvestav), email: omar.miranda@cinvestav.mx
- Juan Barranco Monarca (U. de Guanajuato); email: jbarranc@fisica.ugto.mx
- Karen Caballero Mora (UNACH), email: karen.scm@gmail.com

Registration fee

We have set the following fees:

- Students, 300 pesos.
- Postdocs and researchers, 500 pesos.

Faculty members are encouraged to pay 2588 pesos which amounts to the membership of the Mexican Physical Society (VAT included), <https://smf.mx/membresia>, <https://smf.mx/membresia/recibo-general/>

The fee can be paid by bank transfer to the following accounts:

Banco: BANAMEX
Número de cuenta: 1866151
Sucursal: 349
Referencia: RADPyC2022
Nombre: Sociedad Mexicana de Física, A.C.
CLABE: 002180034918661519

Banco: SANTANDER
Número de cuenta: 65506284898
Referencia: RADPyC2022
Nombre: Sociedad Mexicana de Física, A.C.

CLABE: 014180655062848985

We also include the corresponding links to MercadoPago:

1. Students \$300. <https://mpago.la/1oEnxQz>
2. Postdocs and researchers \$500, <https://mpago.la/1hXHtxm>
3. SMF Membership \$2,588 , <https://mpago.la/18s6eWH>

It will be possible to pay on-site, only Monday. Please note that Monday and Tuesday sessions will be held in Auditorio José Ádem, while Wednesday they will in Auditorio Multidisciplinario, both within the Cinvestav premises.

A limited number of supports for transportation and/or local expenses are expected to be provided to young students upon request to the members of the organizing committee. We are not providing any recommendation for nearby hotels.

Zoom and facebook:

Zoom connection details:

[https://us06web.zoom.us/j/82178499407?](https://us06web.zoom.us/j/82178499407?pwd=WG96WXZ2ek9ScE1pSTRvdHc0RExOUT09)

[pwd=WG96WXZ2ek9ScE1pSTRvdHc0RExOUT09](https://us06web.zoom.us/j/82178499407?pwd=WG96WXZ2ek9ScE1pSTRvdHc0RExOUT09)

Meeting ID: 821 7849 9407

Passcode: 992552

The event will also be broadcasted via the DPyC facebook account.