



August 8th, 2025

Second Announcement

XV School of the Division of Gravitation and Mathematical Physics

Dates: November 3-7, 2025

Location: Playa del Carmen, México

The Division of Gravitation and Mathematical Physics (DGFM) of the Mexican Society of Physics (SMF) is glad to announce the celebration of its **XV Mexican School**. On this occasion, the DGFM will join efforts with the research network New Fundamental Fields in Compact Objects (NewFunFiCO) –which brings together scholars from various institutions– to co-organize this edition of the School. As in previous events, our main goal is to provide an inviting arena for the exchange and discussion of ideas on top developments in gravitational physics in a pedagogical manner. Apart from researchers, an important number of postdocs and graduate students take part in our School, which on this occasion will be focused on **Modern Topics in Gravitation and Mathematical Physics**. The scientific program will include courses, plenary and parallel talks, a poster session and social gatherings. Further details will appear in forthcoming announcements.

The venue of the School will be the Hotel Iberostar Waves Quetzal located in Playa del Carmen, Mayan Riviera, Quintana Roo, Mexico, an inspiring location that offers cultural richness and natural beauty at the Caribbean coast, in a region where a number of Mayan cities once flourished.

REGISTRATION

To register, please fill out in the registration form:

<https://forms.gle/1wxHHFZDRdmBobEb7>

Deadline for abstract submission: September 5th. We will respond promptly to all requests for contributed talks and poster presentations

CONFIRMED COURSE LECTURERS

Cristhian García Quintero (Harvard University)

Carlos Herdeiro (Aveiro University)

Susana Landau (Buenos Aires University)



PLENARY SPEAKERS (by now)

Alma Mendez (Metropolitan Autonomous University)

Ángeles Pérez (National Autonomous University of Mexico)

Gabriela González (Louisiana State University)*

One participant of the LIGO collaboration

*To be confirmed

FINANCIAL SUPPORT

We are pleased to announce that partial financial support for accommodation will be available for students, upon application. As previously stated, partial registration fee scholarships are also available for students and postdoctoral researchers. Our aim is to make the most of the limited resources at our disposal to support as many participants as possible and to continue fostering the growth of our community.

As this is a specialized event, priority for partial accommodation scholarships will be given to graduate students. Recipients will be required to provide proof of enrollment in a physics or related program.

Student funding is provided primarily by SECIHTI through a project supported by the DGFM. Consequently, receiving a scholarship entails a commitment from the student to contribute to the organization and execution of the XV School, without interfering with their academic or research activities.

Student support application form:

<https://forms.gle/H51osibyC3cfvFD57>

Postdoc support application:

Please send an email to Dr. Ana Laura García at gravitacionsmf@gmail.com, requesting partial registration support and including a brief justification.

Application deadline: August 13, 2025 — no extensions.

Important: Decisions regarding who will receive support and in what form will be final and not subject to appeal.



REGISTRATION FEE (MX\$ Mexican Pesos)

Early Registration Fee (before September 12th):

Faculty: MX\$ 4,060*

Students, postdocs, and current members of the SMF: MX\$ 3,480*

Late Registration Fee (after September 12th):

Faculty: MX\$ 4,640*

Students, postdocs, and current members of the SMF: MX\$ 4,060** "IVA" is included.

You will receive a proof of payment including tax information (Factura)

REGISTRATION FEE AS A DONATION

Early Registration Fee (before September 15th):

Faculty: MX\$ 3,500**

Students, postdocs, and current members of the SMF: MX\$ 3,000**

Late Registration Fee (after September 15th):

Faculty: MX\$ 4,000**

Students, postdocs, and current members of the SMF: MX\$ 3,500**

***You will receive a donation receipt as proof of payment*

PAYMENT AND BILLING METHOD

The DGFM is very grateful for the payment of your fees. These payments, in addition to covering organizational expenses, are intended to provide scholarships for students to attend the School. To make your payments and complete your registration, please follow the detailed instructions on our platform:

- Access to the Mexican Society of Physics platform: Go to <https://plataforma.smf.mx> from your preferred device.
- Registration and login: If you haven't already, register using your email address and create a secure password. If you already have an account, simply log in.
- Select the academic event: Once inside the SMF Platform, go to the "Store" section. Browse through our list of available events and select the one you wish to attend, as well as the corresponding fee.
- Payment process: Choose your preferred payment method from the available options, complete the required information, and confirm your payment.

Once your payment has been completed, you will be able to generate and download your electronic invoice from the same platform.

In case you need to use the traditional way of payment, you use the Bank details of the Mexican Society of Physics:



- **For domestic participants:**

Bank: Banco Nacional de México (Banamex)

Account number (Mexican pesos): 1866151 Sucursal 349

CLABE: 002180034918661519

Beneficiary: Sociedad Mexicana de Física A.C.

Reference: SDGFM25

- **For International participants:**

Bank: Banco Nacional de México (Banamex)

Account number (US dollars): 9345347 Sucursal 349

Swift code: BNMXXMM

Bank code: 002180034993453470

Beneficiary: Sociedad Mexicana de Física A.C.

Reference: SDGFM25

Regardless of your chosen payment method, please send your proof of payment to the Division's treasurer, Dr. Luisa Jaime, at luisa.gravitacion@gmail.com. She will also assist you with invoice issuance if needed.

ACCOMODATION

The hotel, Iberostar Waves Quetzal, is an "all-inclusive" resort, so room prices -per night- include accommodation plus buffet-style meals, domestic drinks and snacks (the next rates do not include transportation to and from the airport).

- Single occupancy: MX\$ 5,334.00

- Double occupancy: MX\$ 5,964.00

- Triple occupancy: MX\$ 8,211.00

NOTES:

- Local environment fee "saneamiento ambiental" is not included in the rates above and must be paid at the hotel. MX\$33.94 per room (single occupation) per night. MX\$56.57 per room (double occupation) per night. MX\$73.54 per room (triple occupation) per night.

- If you wish to stay longer, the same rates apply 3 days before and after the event (subject on room availability).

- To ensure availability of special prize and room, reservation and payment before October 12th is advised since only a fixed number of them have been booked. They will be provided on a first arrived first served basis.

- The hotel charges a daily entrance fee for people not hosting in Iberostar due to its all-inclusive system.



HOTEL PAYMENTS AND RESERVATIONS

- For reservations and payment directly to the hotel, please fill out this form: <https://forms.gle/jcbNLSAQiTL1K6V29>
- For reservations and payment through the DGFM, there will be a %16 surcharge if you need a deductible invoice (FACTURA). Send the reservation details to luisa.gravitacion@gmail.com
- To share room with a specific person, payments should be synchronized as much as possible. Arrival and leaving dates must coincide.

TRANSPORTATION

The best way to get to Playa del Carmen is by airplane to the Cancun International Airport <http://www.cancun-airport.com/>. From there you can take a shuttle or a taxi to go directly to Hotel Iberostar situated on Playacar, Playa del Carmen, or take the Tren Maya or a bus to Playa del Carmen and from there a taxi to the hotel, (approx. 60 min). The hotel Iberostar is 15 min away from Xel-Há, half an hour from Xcaret, 45 mins from Tulum, among others. Mayan Riviera has a lot of touristic places like Mayan ruins, beaches, adventure centers, etc.

CODE OF CONDUCT

Code of conduct Submitting this application implies that the participant agrees to abide by the code of conduct.

The organizing committee is committed to creating respectful and academically stimulating environments. Therefore, no form of discrimination or harassment will be tolerated. Attendees are urged to behave respectfully, to favor constructive communication over personal attacks, and to maintain appropriate language. We remind everyone that racist, sexual, or sexist language and/or images are considered disrespectful. Any participant wishing to report a violation of this policy is encouraged to speak confidentially with members of the organizing committee. The Division of Gravitation and Mathematical Physics, as part of the Mexican Society of Physics (SMF), follows the code of conduct published on the SMF website. We reproduce the preamble below:

Preamble:

The Mexican Society of Physics® (SMF) opposes any form of discrimination or harassment based on factors such as ethnic origin, religion, citizenship, language, political opinion or any other, sex, gender, sexual identity, sexual orientation, disability,



or age. The SMF is committed to preventing any incidents of harassment that may occur during the National Congress, Symposia, Focused Meetings, and generally in any activity of its scientific bodies in which the SMF has or shares responsibility. This includes any social activity as well as informal gatherings during the aforementioned events. Incidents of discrimination, harassment, or sexual violence that occur outside SMF activities will be taken into consideration only in cases where a formal investigation has been conducted by a relevant authority (e.g., the institution to which the individual is affiliated) and the matter has been brought to the attention of an executive committee of the SMF (e.g., the Board of Directors, Division Boards, or Event Organizing Committees). In cases involving a member of our community, the executive committee may take disciplinary action against that individual.

Before the event, you must read the full code of conduct at the following link:

<https://cnf.smf.mx/participantes/codigo-conducta>

Any participant who wishes to report a violation of this policy is asked to speak, in confidence, to: Argelia Bernal, Ana Laura García or Luisa Jaime.

For further information contact the organizing committee.

ORGANIZING COMMITTEE:

Argelia Bernal (University of Guanajuato)

Ana Laura García (Metropolitan Autonomous University)

Luisa G. Jaime (National Autonomous University of Mexico)

Carlos Herdeiro (Aveiro University)