"Black Holes and Gravitational Waves"
Playa de Carmen, México, November 5-9

The Gravitation and Mathematical Physics Division (DGFM) of the Mexican Physical Society (SMF) and the Black Holes and Gravitational Waves Research network (RED ANYOG) are glad to announce the celebration of its XII Mexican School. As in previous events, our main goal is to provide an inviting arena for the exchanging 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 in this occasion will be focused on several aspects of Black Holes and Gravitational Waves with an emphasis of confronting theory with observations.

The scientific program will include four courses, six plenary talks and two sessions of parallel talks. Further details will appear in forthcoming announcements.

At the conclusion of the School, the workshop of Black Holes and Gravitational Research network will be held.

The venue will be the Hotel Iberostar Playa Paraiso (http://www.iberostar.com/) located in Playa del Carmen, Rivera Maya, Quintana Roo, Mexico, an inspiring place offering cultural features and natural beauty at the Caribbean coast, in a region where a number of Maya cities once flourished.

LECTURE COURSES

- Luis Lehner (Perimeter Institute, Canada): "Numeric Relativity".
- Eliu Huerta (Illinois, USA): "Data Analysis".
- Luc Blanchet (Institut d'Astrophysique de Paris, France): "Post Newtonian Analysis".
- Aaron Zimmerman (Canadian Institute for Theoretical Astrophysics, Canada): "Quasinormal Modes".
PLENARY TALKS

- **HAWC**: Andrés Sandoval.
- **Seed Black Holes**: TBA.
- **Gravitational Waves in Cosmological Models**: TBA
- **Gravitational Waves in Modified Theories of gravity**: TBA
- **Event Horizon**: TBA
- **Detector Network**: Brian O'Reilley

REGISTRATION

To register send an e-mail to Miguel Sabido (dgfm.smf@gmail.com) including full name, contact details, institution, title + abstract of your proposed talk. An effort will be made to reasonably accommodate as many parallel talks as possible. Only in the event that the parallel session slots are full, we shall include a poster session.

Deadline for title + abstract submission: September 25. We will respond quickly to all talk requests so that interested participants can benefit from the early payment of the registration fee (see below).

Hotel Reservations will be done directly to the Hotel call center. If you need for the payment and reservation to be done by the DGFM there will be a 16% tax if you need an invoice.

STUDENTS. (There will partial support for students.)

ACCOMMODATION: MX$8,500.00 (USD $450.00) in double occupancy.

REGISTRATION FEE (MX$2,500.00 Mexican Pesos).
- **EARLY**: Before September 30: MX$2,500.00 (USD$125.00)
- **REGULAR**: Between September 30 and October 28: MX$3,000.00 (USD$150.00)

The price is in Mexican pesos, the price in USD will fluctuate with the MXN.USD exchange rate.

FACULTY AND POSTDOCS

ACCOMODATION:
MX$ 12,000.00 (USD$650.00) in single occupancy.
MX$8,500.00 (USD $450.00) in double occupancy.

REGISTRATION FEE (For current SMF member the fee is the same as students.)
- **EARLY**: Before September 30: MX$ 3,500.00 (USD$175.00)
- **REGULAR**: Between September 30 and October 28 MX$ 4,000.00 (USD$ 200.00)
The hotel rate includes 5 nights (Sunday-Friday, but the cost the day is the same for the two days after the school) in double or single occupancy, and all meals and drinks during the stay. The registration fee includes coffee breaks.

To share a room with a specific person, payments should be synchronized as much as possible. Arrival and leaving dates must coincide.

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

If you are staying for the RED ANYOG workshop, you can ask for the extra days.

NOTICE THAT REGISTRATION WILL BE CLOSED BY OCTOBER 20. To ensure availability of this special rate, early payment is advised since only a fixed number of rooms have been booked. Those who want to register after this date, or the pre-booked rooms have been occupied, must contact the hotel directly* to check for availability.

HOTEL PAYMENT AND RESERVATIONS

Call in reservations will be done directly to the hotel call center.

Phone number: 01 800 0075 292
e-mail: parre1@iberostar.com
Agent: Tania Cruz.

PAYMENT DEPOSIT AT:

The account in Mexican Pesos.

BANCO: BBVA Bancomer, S.A
Deposit to: Hotelera Playa Paraíso S.A de C. V
Cuenta: 0183299066
Sucursal: 1840
Ciudad: Playa del Carmen
Clabe: 012694001832990668

You must e-mail the deposit slip to aurea.gonzalez@iberostar.com, to complete the reservation.
REGISTRATION FEE PAYMENT AND RECEIPTS

In order to get your receipts for the registration fee please send a copy of the deposit slip to Román Linares, (lirr@xanum.uam.mx) and, for domestic participants, full RFC information.

**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: EDGFM18  
The deposit amount must correspond to the fee that applies according to the schedule above. The receipt will be produced in Mexican pesos.

**International participants:**

Bank: Banco Nacional de México (Banamex)  
Account number (US dollars): 9345347  
Sucursal 349.  
Bank code: 00218003493453470  
Beneficiary: Sociedad Mexicana de Física A.C.  
Beneficiary: Sociedad Mexicana de Física A.C.

**TRANSPORTATION**

The best way to get to Playa del Carmen is by airplane to the Cancun International Airport [http://www.cancun-airport.com/](http://www.cancun-airport.com/). From there you can take a shuttle or a taxi to go directly to Hotel Iberostar Paraiso Beach, the resort is 12 miles north of Playa del Carmen, Q. Roo. The Hotel is 30 min away from Xcaret, about an hour from Tulum or Xel-Há, among others. Rivera Maya has a lot of touristic places like Maya ruins, beaches, adventure centers, etc., for more information, you can visit: [http://www.visitmexico.com/en/mayan-riviera](http://www.visitmexico.com/en/mayan-riviera).

**ORGANIZING COMMITTEE**

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