



**XX Mexican School on Particles and Fields**  
**Division of Particles and Fields**  
**Mexican Physical Society**  
**First Bulletin**

The Division of Particles and Fields of the Mexican Physical Society (DPyC-SMF) announces the *XX Mexican School of Particles and Fields* to be held on October 30-November 3, 2023 in the colonial city of Mérida, Yucatán, México. This year, the school will be hosted by the Universidad Autónoma de Yucatán and the Center for Research and Advanced Studies (Centro de Investigación y de Estudios Avanzados, Unidad Mérida). The conference will consist of plenary and contributed talks and special courses aimed to undergraduate and graduate students on the following topics:

**TOPICS**

- Standard Model and Beyond
- Accelerator Physics
- QCD and Hadronic Physics
- High Energy Heavy Ion Collisions
- Future experiments
- Particle and astroparticle detectors
- Flavour Physics
- Machine Learning and Quantum Computing in HEP

All the information about the event will be updated in the website

<https://www.mspf23.com/>

**REGISTRATION**

Registration to the event will be through INDICO at the following link:

<http://indico.nucleares.unam.mx/e/MSPF23>





## **REGISTRATION FEE**

Participants will have a registration fee, which will cover coffee break, the event dinner, and the excursion day. The rates are,

Professors: 5400 MXN / 300 Dollars

Students: 3600 MXN / 200 Dollars

Student Scholarships (deadline September 30):

## **HOTEL ROOM COSTS**

Special rates have been arranged with Hotel Ibis Styles Merida, and we expect that all participants shall be gathered in the same hotel. In addition, for all guests in the Hotel Ibis Style Merida, the accommodation includes continental breakfast.

Professors: 949 MXN per night, payable directly to the hotel. Please mention the code "XXEMP23" to recognize the event.

Students: 337.25 MXN per night; the room will be shared with other students. Payable through the bank account below, 1686.25 MXN total.

Social dinner and excursion to Chichen Itzá are included in the registration fee.

Each participant must arrange transportation between Manuel Crescencio Rejón International Airport and Hotel Ibis Styles Merida.

A limited number of scholarships to cover the Hotel and/or Registration fees will be awarded. The deadline to apply for these scholarships will be September 30. If you are interesting in getting the scholarship, please fill out the Registration Form accordingly (<https://indico.nucleares.unam.mx/event/2075/registration/register#/register>).

Payments (must be made before September 28):

Please use the bank accounts below to make your payments.

Professors: Registration fee

Students: Registration fee + Hotel

Payments must be made before the registration deadline.



#### **Payments in MXN**

Name: Sociedad Mexicana de Física, A.C.

Bank name: BANAMEX (Suc.: 349)

Account number: 1866151

CLABE: 002180034918661519

Reference: MSPFDPyC2023

#### **Payments in USD**

Name: Sociedad Mexicana de Física, A.C.

Bank name: BANAMEX (Branch no.: 349)

Account number: 002180034993453470

SWIFT/ABBA: BNMXXMMM

Reference: MSPFDPyC2023

### **POSTER SESSIONS**

A dedicated session will be for the interested attendees to present their current work in a poster session. Deadline for submission: October 15, 2023.

### **INVITED TALKS**

Participants will also have the possibility to present the work as a talk. Interested participants must fill out an Abstract in the registration form. The selected participants will be informed promptly. Deadline for submission: September 30th, 2023.

### **PROCEEDINGS**

Proceedings of the School will be published in Suplemento de la Revista Mexicana de Física (SRMF). All contributions will be peer-reviewed according to the standards of the journal. Information can be found in

<https://rmf.smf.mx/ojs/rmf-s/index>

Information regarding style, length and deadlines will be released soon.



## TIMETABLE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 10:00	Lecture 1		Excursion to Chichen-Itza	Lecture 1	
10:00 - 11:00	Lecture 2			Lecture 2	
11:00-11:30	Coffee break			Coffee break	
11:30-12:30	Lecture 3			Lecture 3	
12:30 - 13:30	Plenary talk	Plenary talk		Plenary talk	Plenary talk
13:30 - 16:00	Lunch break			Lunch break	
16:00 - 17:00	Lecture 4			Lecture 4	
17:00 - 17:30	Coffee break		Break	Coffee break	
17:30 - 18:30	Plenary talk	Short talks	Poster session	Short talks	Plenary talk
18:30 - 19:30	Plenary talk			Medal of the DPyC-SMF	Short talks
			Social dinner		

## ORGANIZING COMMITTEE

Roger J. Hernández- Pinto [Chair] (FCFM-UAS)

Enrique Camacho Pérez [LOC Chair] (CONAHCYT & FI-UADY)

Karla B. Cantún Ávila (FI-UADY)

Antonio Bouzas Arteché (CINVESTAV-Mérida)

Maritza de Coss Gómez (FI-UADY)

Juan Barranco [President DPyC-SMF] (DCI-UG)

M. Isabel Pedraza Morales [Vice President DPyC-SMF] (FCFM-BUAP)

Karen Salomé Caballero Mora (FCFM-UNACH)