



# SECOND BULLETIN

## XXXIII Annual Meeting of the Division of Particles and Fields

### Important dates

Abstract submission,  
registration and student  
support request open: **March  
1st, 2019**

Fee payment open: **March  
15th, 2019**

Abstract submission deadline:  
**May 17th, 2019**

Student support deadline:  
**May 10th, 2019**

Online registration deadline:  
**May 20th, 2019**

### Registration fee

Students: **500 MXN**

Postdocs and professors: **700  
MXN**

### Organizing committee

- Salvador Carrillo (Univ. Iberoamericana)
- Eduard de la Cruz Burelo (CINVESTAV, chair)
- Mario Rodríguez Cahuantzi (FCFM-BUAP)
- Guillermo Tejeda Muñoz (FCFM-BUAP)

This year the meeting will take place at Puebla City from 26 to 28 May 2019. The meeting is organized by the Division of Particles and Fields of the Mexican Society of Physics, Red FAE (CONACyT), CINVESTAV, CONCyTEP and Facultad de Ciencias Físico Matemáticas, Benemérita Universidad Autónoma de Puebla.

### Registration

All the potential participants are encourage to register yourself following the link:

<http://indico.nucleares.unam.mx/event/1448/registration/>

### Meeting venue

Sala de Proyecciones, Primer Patio del Edificio Carolino (BUAP).  
Calle 4 sur No. 104. Centro Histórico, Puebla, México

### Invited talks

- **Forward Physics with tagged protons at the LHC** (Christophe Royon, University of Kansas - USA)
- **MPD-NICA** (Maria Elena Tejeda Yeomans, Universidad de Colima - México)
- **High-energy cosmic rays: status and open problems** (Juan Carlos Arteaga, UMSNH - México)
- **Dark Matter Searches with the ATLAS Detector at the LHC** (Arelly Cortés González, CERN)
- **New Physics searches at the LHC** (Marcella Bona, Queen Mary University of London, UK)



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- **Tau physics: current status and future prospects** (Antonio Pich, Universidad de Valencia - España)
- **Recent CMS measurements on quarkonium spectroscopy** (Jhovanny Mejía, Universidad de Antioquía - Colombia)
- **Heavy Flavour Physics** (Gerardo Hernández Tomé, Universidad de Granada - España)
- **A simple explanation to the strong suppression of fermionic EFT operators** (Adolfo Enrique Guevara, Universidad de Madrid - España)
- **Mexican Community of Particle Accelerators** (Gerardo Guillermo Cantón, CINVESTAV-Unidad Mérida)
- **The upgrade of the ALICE Diffractive detector in ALICE** (Ildefonso León Monzón, Universidad Autónoma de Sinaloa)
- **Dark Energy Spectroscopy Instrument (DESI)** (Alma González Morales, Universidad de Guanajuato)

### Topics

- Fundamental Physics
- Astroparticles and Cosmology
- Neutrinos and Dark Matter
- QCD and Hadron Physics
- Physics Beyond the Standard Model
- Particle accelerators technology

More details about the scientific program can be found in:

<http://indico.nucleares.unam.mx/event/1448/program>

## Accommodation

We recommend to the potential participants to book their accommodation in Hotel Colonial de Puebla (<http://www.colonial.com.mx/>)

## Scholarships

There will be a limited number of scholarships covering the fee. Those students applying for a scholarship must register the abstract the work they would like to present and arrange for a letter of recommendation to be sent to [mario.rodriguez@correo.buap.mx](mailto:mario.rodriguez@correo.buap.mx) before the deadline **(May 10th, 2019)**. Priority will be given to advanced students. Students awarded with a scholarship are expected to attend all activities of the meeting.

## Fee payment

The FEE of the meeting can be paid at the site of the conference or previously by bank transfer to the following account:

- Sociedad Mexicana de Física, A.C.
- Banamex, S.A., Suc. 349
- Account number 1866151
- CLABE 002180034918661519
- Reference: RADPyC2019

## Time schedule

TIME TABLE OF RADPyC 2019					
Time	May 26th	May 27th	May 28th	Time (May 28th)	
08:30 - 08:50	REGISTRATION				
08:50 - 09:00	INAUGURATION	REGISTRATION			
09:00 - 09:30	MARIA ELENA TEJEDA	JUAN CARLOS ARTEAGA	Contributed talk 14	09:00 - 09:20	
09:30 - 10:00	MARCELLA BONA	ADOLFO GUEVARA	Contributed talk 15	09:20 - 09:40	
10:00 - 10:30	ANTONIO PICH	GERARDO HERNÁNDEZ	Contributed talk 16	09:40 - 10:00	
10:30 - 11:00	CHRISTOPHE ROYON	ARELY CORTÉS	Contributed talk 17	10:00 - 10:20	
			Contributed talk 18	10:20 - 10:40	
			Contributed talk 19	10:40 - 11:00	
11:00 - 11:20	COFFEE BREAK			11:00 - 11:20	
11:20 - 11:50	ILDEFONSO LEON	GENERAL ASSEMBLY	Contributed talk 20	11:20 - 11:40	
11:50 - 12:20	JHOVANNY MEJÍA		Contributed talk 21	11:40 - 12:00	
12:20 - 12:40	Contributed talk 1		Contributed talk 22	12:00 - 12:20	
			Contributed talk 23	12:20 - 12:40	
12:40 - 13:00	Contributed talk 24	12:40 - 13:00			
12:50 - 14:50	LUNCH				
15:00 - 15:30	GERARDO GUILLERMO CANTÓN	ALMA GONZALEZ MORALES	<b>X</b>		
15:30 - 15:50	Contributed talk 2	Contributed talk 8			
15:50 - 16:10	Contributed talk 3	Contributed talk 9			
16:10 - 16:30	Contributed talk 4	Contributed talk 10			
16:30 - 16:50	COFFEE BREAK				
16:50 - 17:10	Contributed talk 5	Contributed talk 11			
17:10 - 17:30	Contributed talk 6	Contributed talk 12			
17:30 - 17:50	Contributed talk 7	Contributed talk 13			
18:00 - 19:00	X	POSTER SESSION			