División de Partículas y Campos
Sociedad Mexicana de Física

Summary and Acknowledgments

XXXVI Reunión Anual

September 08-10 , 2022

http://indico.nucleares.unam.mx/e/RADPyC2022

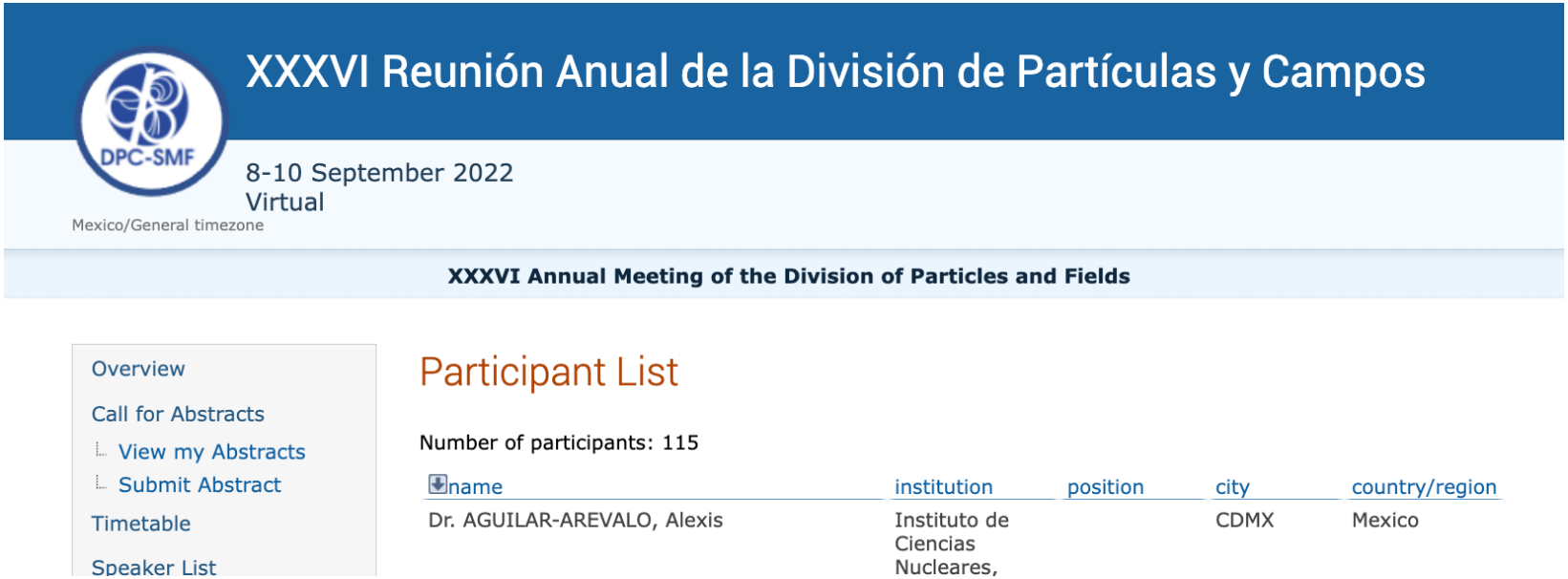
Participants

115 registered participants

- **Students: ~27%**
- **Prof./Dr.: ~73%**

Daily participation:

- **~30-40 connected in zoom per session**
- **~5 via Facebook (~100 views)**



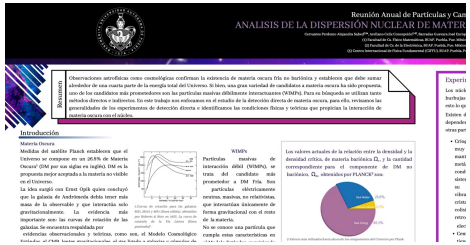
Talks and Posters

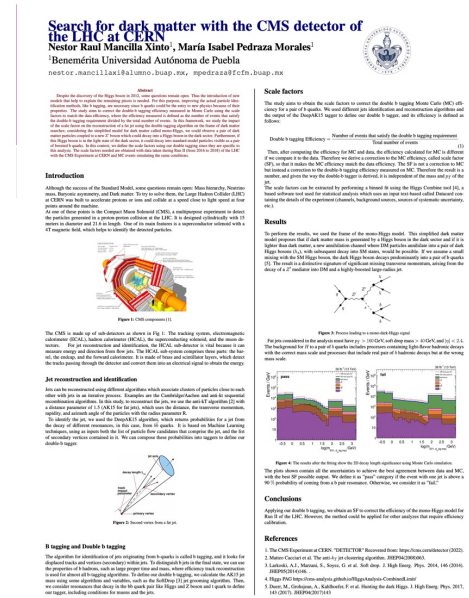
- **Total of 51 presentations:**
  - 10 invited talks
  - 34 contributed talks
  - 7 poster presentations

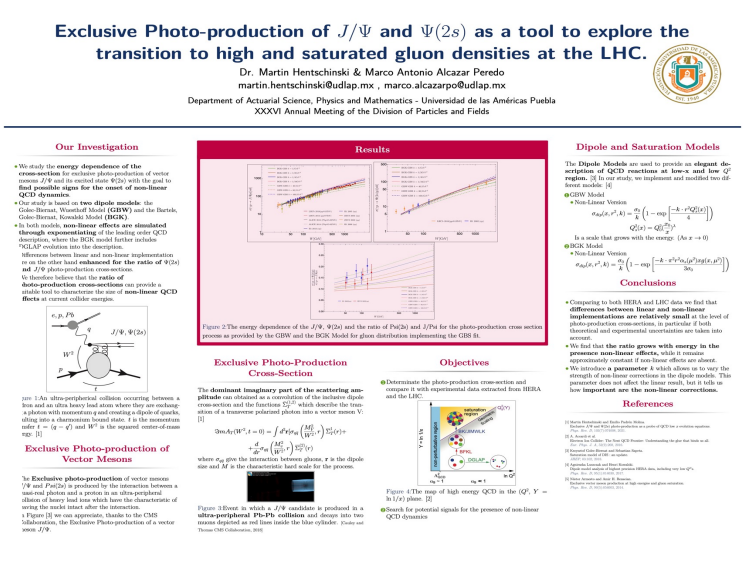
Invited talks:
-Female: 6 (60%)
-Male: 4 (40%)

Contributed talks and posters
-Female: 9 (~22%)
-Male: 35 (~78%)

Participant:s
-Female: 25 (~22%)
-Male: 90 (~78%)


Reunión Anual de Partículas y Cam
ANALISIS DE LA DISPERSIÓN NUCLEAR DE MATER


Search for dark matter with the CMS detector of the LHC at CERN
Nestor Raul Mancilla Xinto, María Isabel Pedraza Morales
Benemérita Universidad Autónoma de Puebla
nestor.mancillax1@alumno.buap.mx, mpedraza@fcfm.buap.mx


Exclusive Photo-production of J/Ψ and $\Psi(2s)$ as a tool to explore the transition to high and saturated gluon densities at the LHC.
Dr. Martin Hentschinski & Marco Antonio Alcazar Peredo
martin.hentschinski@udlap.mx , marco.alcazarpo@udlap.mx
Department of Actuarial Science, Physics and Mathematics - Universidad de las Américas Puebla
XXXVI Annual Meeting of the Division of Particles and Fields

SpaceMath:

Una paquetería de Mathematica para la búsqueda del espacio de parámetros más allá del Modelo Estándar

Desarrolladores: M. A. Arroyo Ureña
T. A. Valencia Pérez

Colaboradores: M. Mondragón Ceballos
R. Gaitán

CIIEC
IFUNAM

Invited speakers and session conveners

INVITED SPEAKERS:

- Ana Avilez-López (BUAP)
- Minerba Betancourt (FERMILAB)
- Marco Cirelli, LPTHE (CNRS and Sorbonne University, Paris)
- Catalina Espinoza, Conacyt (IFUNAM)
- Melina Gomez-Bock
- Guillelmo Gomez-Ceballos (MIT)
- Jaime Hernández Sánchez (BUAP)
- Mike Lamont (CERN)
- JeongEun Lee (Seoul National University)
- Ivonne Maldonado (Join Institute of Nuclear Research, Dubna)

SESSION CONVENERS:

- Dra. Isabel Pedraza (BUAP)
- Dr. Alfredo Castañeda (UNISON)
- Dra. Ana Avilez (BUAP)
- Dr. Carlos Vaquera (UG)
- Dr. Félix González (BUAP)
- Dra. Luz Adriana Cordero Cid (BUAP)
- Dra. Estela Garcés (UNAM)
- Dr. Cecilia Uribe (BUAP)
- Dr. Halim Montes de Oca (UNAM)
- Dra. Alba Carrillo (UAEH)
- Dr. Carlos Honorato (BUAP)
- Dr. Javier Murillo (UNISON)
- Dr. Juan Barranco (UG)
- Dr. Selim Gómez (UAEH)

Awards

DPyC 2022 medal

Prof. ROYON, Christophe

Poster Awards

Best Poster

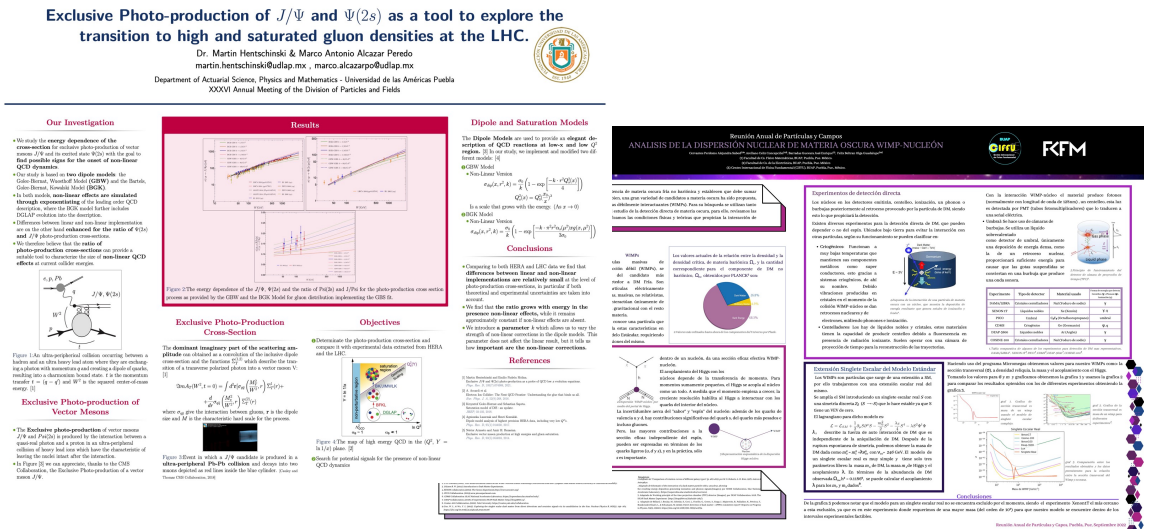
- Marco Antonio Alcázar (UDLAP)

Exclusive Photo-production of J/Ψ and Ψ(2s) as a tool to explore the transition to high and saturated gluon densities at the LHC

Honorific Mention

- Alejandra Cervantes (BUAP)

Análisis de la dispersión nuclear de Dark matter WIMP-nucleón



Congratulations!

Election committees

- **DPyC 2022 Medal election committee**
- **Best-poster selection committee**

Thanks for the hard work!

Technical, Administrative, Design

Jesús Avalos, Marco Bedolla

Zoom, Recording, Live Stream, Facebook, Youtube

Patricia Carranza Díaz, Alfonso Alcocer Acevedo

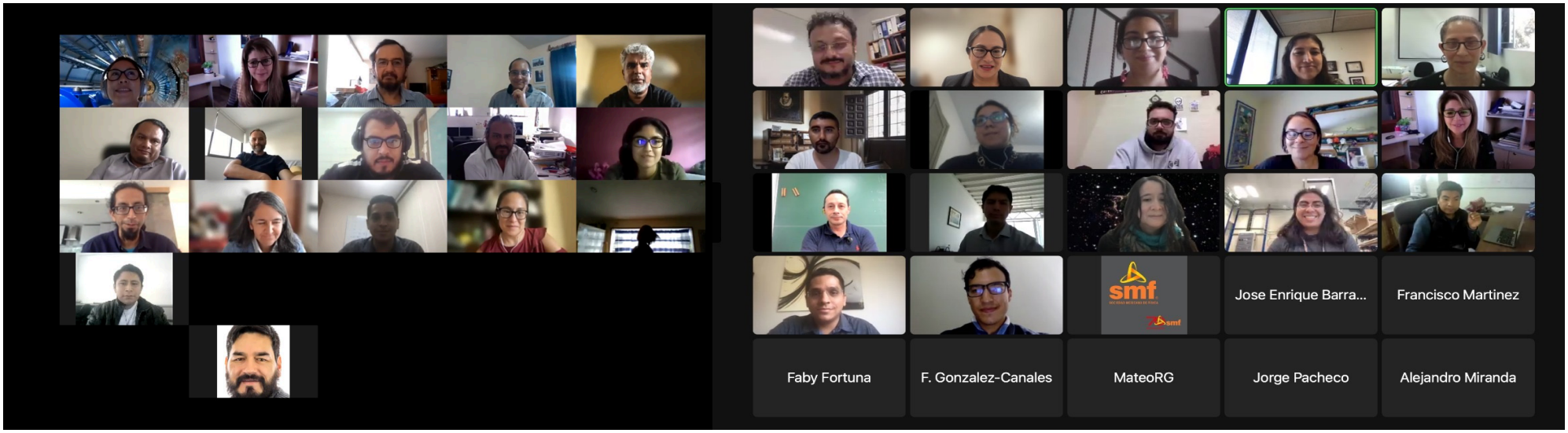
Registration, Fees/Invoices

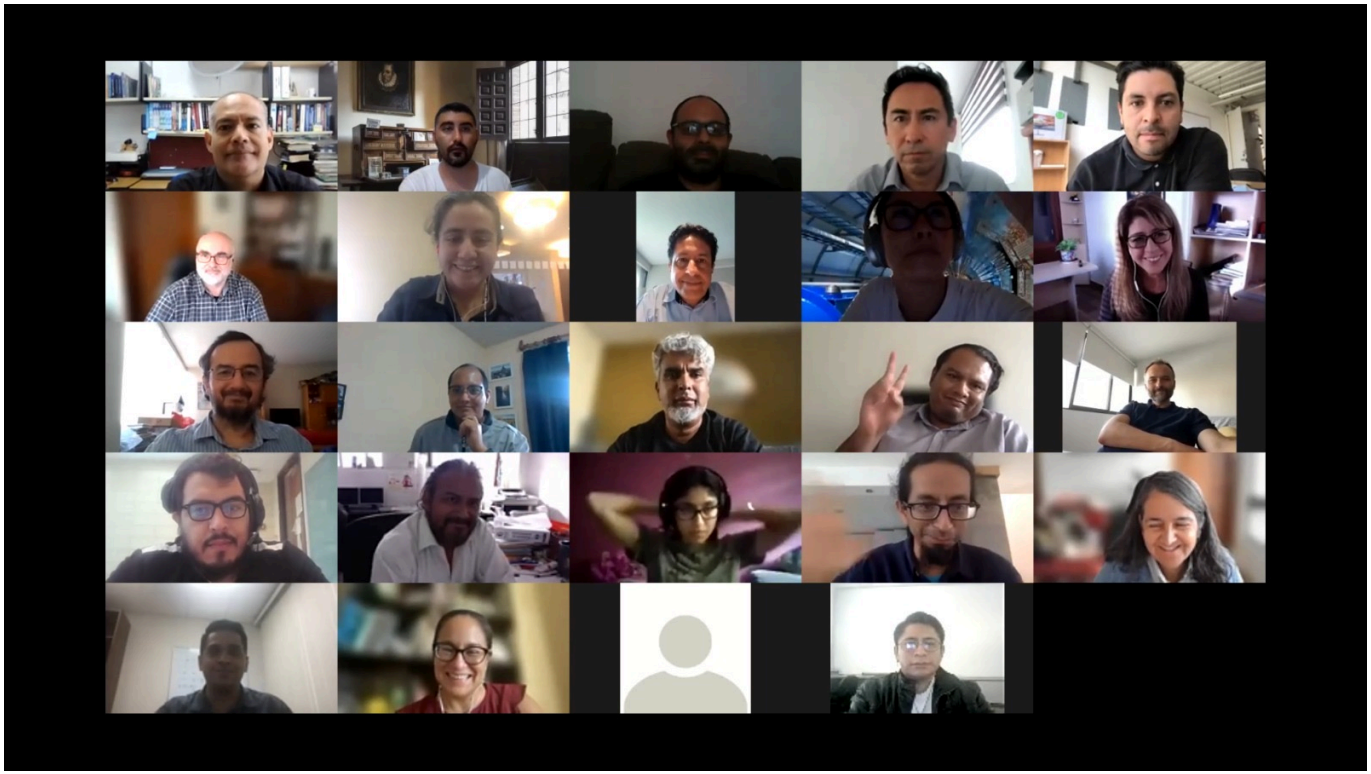
Lukas Nellen (ICN-UNAM)
Alberto Sánchez (CINVESTAV)
Isabel Pedraza (BUAP)
Humberto Martínez Huerta (U. de Monterrey)

Indico system, Mailing Lists, Design

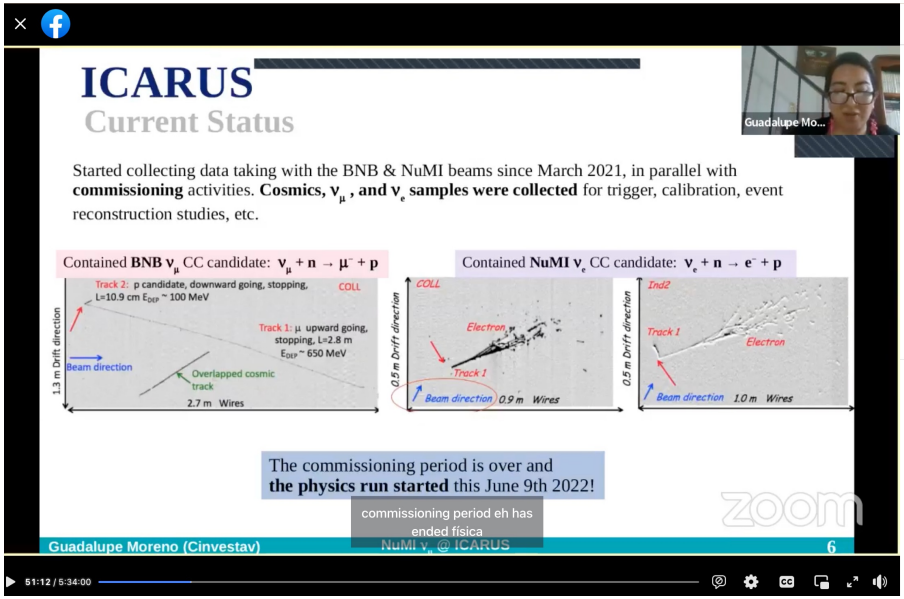
Thanks for the hard work!

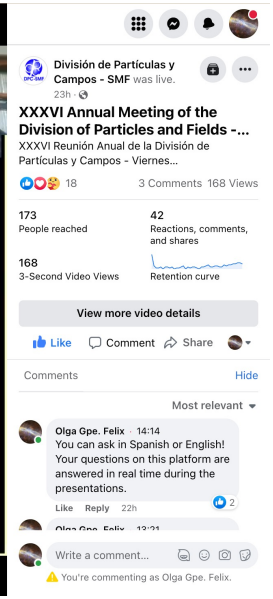
Group photo

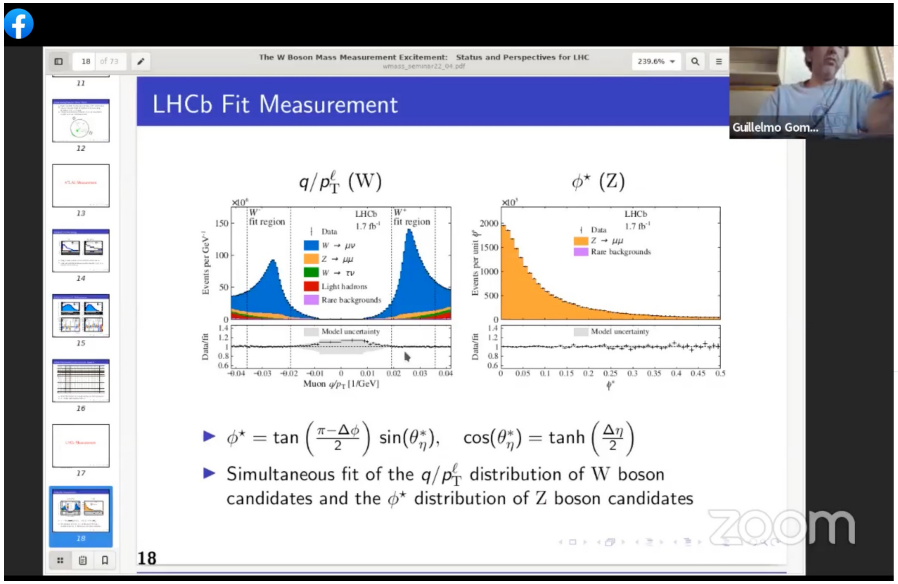

Jose Enrique Barra...
Francisco Martinez
Faby Fortuna
F. Gonzalez-Canales
MateoRG
Jorge Pacheco
Alejandro Miranda

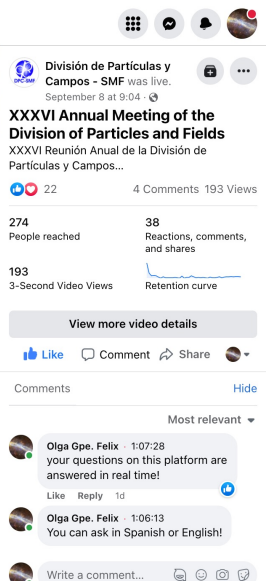


Facebook & Meeting Recordings









XXXVI Annual Meeting Division of Particles and Fields Mexican Physical Society

September 8-10, 2022, Virtual

Organizing Committee:

Olga Félix, BUAP
Isabel Pedraza, BUAP
Mario Rodríguez, BUAP
Félix González, BUAP
Juan Barranco, UG
Estela A. Garcés, UNAM
Javier Murillo, UNISON
Karen S. Caballero, UNACH

Thanks for your participation
See you at the next event!

DPC-SMF

XVIII Mexican Workshop on Particles and Fields 2022
November 21st - 25th,
Puebla - México

Scientific Program

- Higgs physics
- Beyond the Standard Model
- Neutrinos
- QCD and Hadronic Physics
- High energy heavy ion collisions
- Future experiments
- Particle detectors
- Flavour physics
- Astroparticle physics
- HEP applications in industry

IMPORTANT DATES

Registration deadline
Nov. 10th 2022

Abstract submission deadline
Nov. 1st 2022

Fellowships application deadline
Oct. 31st 2022

Organizing committee
- Karen S. Caballero (FCFM-UNACH, President of DPyC-SMF)
- Juan Barranco Monarca (U. de Guanajuato, Vice-President of DPyC-SMF)
- Eleazar Cuautle (ICN-UNAM)
- Olga Felix (FCE-BUAP)
- Arturo Fernández (VIEP/FCFM-BUAP)
- Roger Hernández (FCFM-UAS)
- Héctor Novales (FCFM-BUAP)
- Mario Iván Martínez (FCFM-BUAP)
- Luis Manuel Montaño (CINVESTAV)
- Mario Rodríguez (FCFM-BUAP, chair)
- Guillermo Tejeda (FCFM-BUAP)
- Lizardo Valencia (UNISON)
- Heber Zepeda (FCFM-BUAP)

Registration and more information at

https://indico.nucleares.unam.mx/event/1933/

smf

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