



XLV Symposium on Nuclear Physics, January 8-11 2024

The 45th Symposium on Nuclear Physics was celebrated from January 8-11, 2024 at the Hacienda Cocoyoc, Morelos, Mexico. This symposium has been held every year since its inauguration in 1978 with the exception of the COVID years 2021 and 2022.

There was a tremendous response from the international community of nuclear physics which led to a very successful and lively meeting. The program consisted of 36 plenary talks and 22 posters over a broad range of hot topics, such as nuclear structure and reactions, instrumentation, relativistic heavy ions, nuclear astrophysics, fundamental symmetries and hadron physics.

These proceedings contain 20 articles of exciting new results that were presented at the meeting.

ROELOF BIJKER
INSTITUTO DE CIENCIAS NUCLEARES, UNAM

DANIEL JOSÉ MARÍN LÁMBARRI
INSTITUTO DE FÍSICA, UNAM

TOCHTLI CUAUHTLI YÉPEZ MARTÍNEZ
INSTITUTO DE EDUCACIÓN MEDIA SUPERIOR, CDMX



International Advisory Committee

- Ani Aprahamian, Notre Dame University, USA
- Daniel Bardayan, Notre Dame University, USA
- Francesco Cappuzzello, INFN-Laboratori Nazionali del Sud, Italy
- Osvaldo Civitarese, Universidad Nacional de La Plata, Argentina
- Martin Freer, University of Birmingham, UK
- Alfredo Galindo-Uribarri, Oak Ridge National Laboratory, USA
- María José García Borge, CSIC, Spain
- David Jenkins, University of York, UK
- Reiner Krücken, TRIUMF, Canada
- Jorge López, The University of Texas at El Paso, USA
- Nilberto Medina, Universidade de São Paulo, Brazil
- Thomas Papenbrock, University of Tennessee, USA
- Jorge Piekarewicz, Florida State University, USA
- Norbert Pietralla, T.U. Darmstadt, Germany
- Rosario Gianluca Pizzone, INFN-Laboratori Nazionali del Sud, Italy
- W. Michael Snow, Indiana University, USA
- Adam Szczepaniak, Indiana University, USA

