



XXXVIII
MAZURIAN LAKES
CONFERENCE ON PHYSICS
PIASKI, POLAND
August 31–September 6, 2025

**PROBING FUNDAMENTAL PROPERTIES
OF MATTER WITH RARE ISOTOPES**

Organized and sponsored by:

University of Warsaw
National Centre for Nuclear Research
Excellence Initiative — Research University

**MAGDA ZIELIŃSKA
WOJCIECH SATUŁA
KRZYSZTOF RYKACZEWSKI**

Editors of the Proceedings

INTERNATIONAL ADVISORY BOARD

Alejandro Algora (IFIC-CSIC, University of Valencia, Spain)
Ani Aprahamian (University of Notre Dame, USA)
Bertram Blank (LP2i, Bordeaux, France)
Michael Block (JGU Mainz, Helmholtz-Institut Mainz
and GSI Darmstadt, Germany)
Maria J.G. Borge (Instituto de Estructura de la Materia, Madrid, Spain)
Kelly Chippis (Oak Ridge National Laboratory, USA)
Jolie A. Cizewski (Rutgers University, USA)
Gianluca Colò (University of Milan and INFN Milan, Italy)
Jacek Dobaczewski (University of York, UK
and University of Warsaw, Poland)
Thomas Duguet (CEA Saclay, France)
Evgeny Epelbaum (Ruhr University Bochum, Germany)
Alexandra Gade (Michigan State University — NSCL, USA)
Paul Garrett (University of Guelph, Canada)
Anu Kankainen (University of Jyväskylä, Finland)
Michał Kowal (National Centre for Nuclear Research, Warsaw, Poland)
Magdalena Kowalska (University of Geneva and CERN, Switzerland)
Silvia Lenzi (University of Padova and INFN Padova, Italy)
Marek Lewitowicz (GANIL, Caen, France)
Adam Maj (IFJ PAN Kraków, Poland)
Jie Meng (Peking University, Beijing, China)
Witek Nazarewicz (Michigan State University — FRIB, USA
and University of Warsaw, Poland)
Gerda Neyens (KU Leuven, Belgium)
Jorge Piekarewicz (Florida State University, USA)
Hideyuki Sakai (RIKEN Nishina Center, Japan)
Hiroyoshi Sakurai (RIKEN Nishina Center, Japan)
Christoph Scheidenberger (GSI Darmstadt, Germany)

ORGANIZING COMMITTEE

Wojciech Satuła (Chairman)
Krzysztof Rykaczewski (Vice-Chairman)
Sylwia Cano
Tomasz Cap
Katarzyna Delegacz
Aleksandra Fijałkowska
Grzegorz Jaworski
Chiara Mazzocchi
Marzena Wolińska-Cichocka
Magda Zielińska