

15.11.2023

First Circular

International Symposium on Nuclear Science – ISNS-24



Dear Colleagues and Friends,

We are pleased to announce the International Symposium on Nuclear Science (ISNS-24). This event, co-organized by Sofia University and the Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering. The symposium will be hosted in the historically rich and vibrant city of Sofia, Bulgaria, from the 9th to the 13th of September 2024. We are looking forward to five days of engaging discussions, groundbreaking research presentations, and valuable networking opportunities.

Symposium Aims and Topics:

ISNS-24 is convened to discuss forefront research in the areas of nuclear photonics, the structure of exotic nuclei, nuclear moments and transition probabilities, high angular momentum nuclear structure, nuclear astrophysics, and advanced instrumentation for nuclear research. The symposium will also honour the remarkable career of Prof. Dimiter L. Balabanski.

The scientific program of the symposium will comprise of key-note lectures, invited talks and contributing talks. The key-note lectures will be given by:

- Prof. Bertram Blank on Weak Interactions in Nuclear Physics
- Prof. Klaus Blaum on High-Precision Mass Measurements
- Prof. Norbert Pietralla on Nuclear Photonics
- Prof. Paddy Regan on Precision Measurements in Nuclear Applications
- Prof. Hiroyoshi Sakurai on Exotic Nuclei Studies
- Prof. Andrew Stuchbery on Nuclear Moments and Transition Probabilities
- Prof. Aurora Tumino on Advances in Nuclear Astrophysics

The invited talks and the contributing talks will be selected by the International Program Advisory Committee:

- N. Alahari (GANIL, France)
- F. Azaiez (LNL, INFN, Italy)
- D.L. Balabanski (ELI-NP, Romania)

- D. Bonatsos (DNCSR Athens, Greece)
- N. Erduran (ISZU Istanbul, Turkey)
- J. Gerl (GSI Darmstadt, Germany)
- N. Marginean (IFIN-HH, Romania)

We invite all interested parties to submit their abstracts and register for the symposium eagerly await your participation in what promises to be a stimulating exchange of knowledge and a fitting tribute to Prof. Balabanski's contributions to nuclear science.

Further details regarding the venue, registration fees, accommodations, and the full program will follow in subsequent communications. Please visit our website for the latest information and updates: <https://indico.cern.ch/event/1339442/>

Important Dates:

- Release of Second Circular: March 15, 2024
- Abstract Submission Opens: April 1, 2024
- Abstract Submission Deadline: May 15, 2024
- Notification of Abstract Acceptance: June 15, 2024
- Early Bird Registration Deadline: July 15, 2024

Contact Us:

For inquiries, please contact the organizing committee at isns24@phys.uni-sofia.bg

With warm regards,

Organizing committee:

Calin Ur, ELI-NP, Romania

Constantin Mihai, IFIN-HH, Romania

Georgi Rainovski, Sofia University, Bulgaria

Georgi Georgiev, IJCLab, France

Local organizing committee:

Georgi Rainovski, Sofia University, Bulgaria

Kalin Gladnishki, Sofia University, Bulgaria

Diana Kocheva, Sofia University, Bulgaria

Nikolay Minkov, INRNE, Bulgaria

Pavlin Grudev, INRNE, Bulgaria

Elena Stefanova, INRNE, Bulgaria

Lili Atanasova, MU Sofia, Bulgaria (symposium secretary)