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SDANCA

16-18 September 2021

Venue Hall „Incubator“ of Sofia Tech Park, Sofia, Bulgaria

Shapes and Dynamics of Atomic Nuclei: Contemporary Aspects

International Program Committee:

Dennis Bonatsos (Athens)
Peter Butler (Liverpool)
Rick Casten (Yale)
Jerzy Dudek (Strasbourg)
Ana Georgieva (Sofia)
Rostislav Jolos (Dubna)
Amiram Leviatan (Jerusalem)
Philippe Quentin (Bordeaux)
Peter Ring (München)
Piet Van Isacker (Caen)
Phil Walker (Surrey)

Main topics:

- Collective and microscopic theories of nuclear deformation
- Shapes and symmetries – geometric and algebraic aspects
- Shape coexistence and shape-phase transition phenomena
- Complex shapes, isomers and cluster phenomena
- Shapes and dynamics at the limits of stability
- New data on nuclear deformations and current experimental techniques
- Interdisciplinary aspects:
links to shape phenomena in other physical systems

Local Organizing Committee:

Nikolay Minkov (Chair)
Neli Stoilova
Stefan Lalkovski
Orlin Yordanov
Kalin Drumev

The Workshop is organized by a Research Group at the INRNE, Bulgarian Academy of Sciences; <http://ntl.inrne.bas.bg/events/sdanca21/>