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Shapes and Dynamics of Atomic Nuclei: Contemporary Aspects

International Program Committee:

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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 advanced experimental techniques
- Interdisciplinary aspects:
shape phenomena in other physical systems