



International Conference on **F**rontiers In **N**uclear **S**tructure, **A**strophysics and **R**eactions

Kipriotis Village Resort, Aegean island of Kos, Greece, September 12-17, 2005



F I N U S T A R

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M. Thoennessen (MSU, East Lansing)
P. Van Duppen (KULeuven, Leuven)

Topics

- Nuclear structure at the extremes
- Collective phenomena and phase transitions
- Nuclear masses and ground-state properties
- Synthesis and structure of the heaviest elements
- Mean field theories, cluster models and molecular dynamics
- Ab-initio calculations and the shell model
- Nucleon scattering as a probe for nuclear structure
- Real photons in nuclear structure and astrophysics
- Weak-interaction processes in nuclear astrophysics
- Nucleosynthesis in the cosmos and nuclear physics aspects
- Nuclear reactions off stability and indirect methods
- Reaction dynamics at low and intermediate energies
- Radioactive and exotic relativistic beams
- Facilities and instrumentation for the future.

DEADLINES

- Abstract submission: May 16, 2005
- Early registration: July 1, 2005
- Late registration: Sept. 12, 2005
- Hotel reservation: July 15, 2005

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