

Venue: Rithymna Beach Hotel, 78 km west of Heraklion, which is served by direct flights from Europe and Athens and by ferries from Piraeus, the port of Athens.



## Conference Organizers

Anna Erickson (Chair, Georgia Tech)  
Suzanne Nowicki (Technical Chair, Los Alamos National Laboratory)  
Evangelos Gazis (Local Chair, National Technical University of Athens)

## Advisory Committee

George Vourvopoulos (Chair Emeritus)  
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Willy Kaye (H3D Inc.)  
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Michael Short (Massachusetts Institute of Technology)

## Topical Areas

- Nuclear safeguards, security and forensics
- Accelerators and neutron generators
- Medical and biological applications
- Space applications
- Quantum sensing
- Physical signatures of enrichment
- Applied antineutrino physics
- Detectors and materials in nuclear security
- Imaging and algorithms in nuclear safety and security
- Machine learning in nuclear security
- Additive manufacturing in nuclear nonproliferation

# 2022

## INTERNATIONAL CONFERENCE ON APPLICATIONS OF NUCLEAR TECHNIQUES

CRETE22 is the sixteenth in a series of international conferences on applications of nuclear techniques. The conference offers a relaxed and convivial forum for scientists to present and discuss their research on the use of nuclear radiation detection techniques in diverse areas of fundamental and applied science.

**CRETE, GREECE**  
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