



**2nd International Conference on  
Atomic & Nuclear Physics**

**July 25-26, 2019 | Rome, Italy**

<https://scientificfederation.com/icanp-2019/>

**Important Dates:**

**Abstract Submission Starts: June 18, 2018**

**Abstract Submission Deadline: May 31, 2019**

**Early Bird Registration Deadline: December 26, 2018**

**Theme:**

**Challenging Future Directions in the  
Field of Atomic and Nuclear Physics**

**Venue:**

**Crowne Plaza  
Rome, Italy**

ATTEND/PARTICIPATE | PRESENT YOUR WORK | SPREAD/GAIN KNOWLEDGE |  
OBTAIN FEEDBACK | GET KNOWN GLOBALLY



## *Welcome Message*

The applications of nuclear physics today cover a very wide range of topics and fields as nuclear reactor physics, nuclear fusion, nuclear non-proliferation, nuclear-geophysics, and nuclear medicine.

In the field of Nuclear Medicine, both diagnostic and therapeutic medical procedures have transformed by nuclear physics techniques and the use of radioisotopes

Two main classes are covered by use in medicine of radioisotopes and nuclear techniques:

- a. imaging and diagnosing structures in the body and their functioning
- b. Treating diseases

## *About Conference*

The aim of the ICANP -2019 is to unravel the benefits and emerging applications through the presentations by top class researchers, nuclear physics and researchers heads by discussing the latest developments and innovations in the fields of Atomic & Nuclear Physics.

We sincerely hope that ICANP-2019 serves as an international platform for meeting researchers from around the world, widen professional contact and create new opportunities, including establishing new collaborations.



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**Don't miss to be a part of ICANP – 2019...!**

**Best Regards**

**ICANP-2019**

**Organizing Committee**



## Organizing Committee Members



**Francesco D'Auria**  
University of Pisa  
Italy



**Manjit Kaur**  
Punjab University  
India



**Charalampos Moustakidis**  
Aristotle University of  
Thessaloniki, Greece



**Rajeev Kumar Puri**  
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**Lucio Mango**  
Sapienza University of  
Rome, Italy



**Dag Hanstorp**  
University of  
Gothenburg  
Sweden

## *Sessions:*

- ▶ Nuclear Physics
- ▶ Nuclear Reactor Physics
- ▶ Nuclear Technologies
- ▶ Atomic Astrophysics
- ▶ Nuclear Medicine Physics
- ▶ Nuclear Radioactive Decay
- ▶ Nuclear Fission and Nuclear Fusion
- ▶ Cold Atoms and Molecules
- ▶ Atomic Physics
- ▶ Atomic Collisions and Heavy Ion Collisions
- ▶ Laser-Atomic Physics
- ▶ Atomic Spectroscopy
- ▶ Radioactive Decay
- ▶ Nucleosynthesis
- ▶ Particle Physics
- ▶ Atomic Engineering
- ▶ Magnetic Recording, Memories and Spintronics
- ▶ Functional Magnetic Materials
- ▶ Novel Magnetic Materials and Device Applications
- ▶ Magnetic Particles and Nanostructures
- ▶ Ultra Cold Atoms
- ▶ Nuclear Astro physics
- ▶ Nuclear Moments of Exotic Nuclei
- ▶ Nucleon Structure
- ▶ Interaction with Atoms
- ▶ Nuclear Engineering

### Venue Information:

Rome is the capital city of Italy and a special comune (named Comune di Roma Capitale). Rome also serves as the capital of the Lazio region. With 2,872,800 residents in 1,285 km<sup>2</sup> (496.1 sq mi), it is also the country's most populated comune.