



# ICRA 2019

## Second Announcement & Call for Papers

# 2<sup>nd</sup> International Conference on Radiations and Applications

Algiers, 28-30 October 2019

## Organizers



### Conference Dates

- **30 June 2019** : Abstract submission deadline
- **20 July 2019** : Notification of acceptance
- **28 October 2019** : Conference Start

web-site : <http://fphy.usthb.dz/ICRA/>

E-mail contact : [icra2.dz@gmail.com](mailto:icra2.dz@gmail.com)

Venue: **AZ Hôtel Vague d'Or**

### Topics

#### Topic 1: Radiation Nucleus Interaction

- Nuclear reaction
- Nuclear structure
- Nuclear astrophysics
- Atomic spectroscopy
- Ion surface interaction
- Cluster surface interaction

#### Topic 2: Nuclear Analysis techniques

- NRA and NAA techniques
- XRF and PIXE techniques
- Irradiated materials
- Detection and Instrumentation

#### Topic 3: Medical Physics

- Radiotherapy
- Nuclear medicine
- Radioprotection in medicine
- Diagnostic radiology with ionizing radiation

#### Topic 4 : Nuclear reactor physics

- Radioisotope production
- Neutronic
- Nuclear reactor safety
- Neutron beam applications and associated techniques

#### Topic 5: Radiation in Industry, Life and Nature Sciences

- Industry
- Agriculture
- Environmental analysis
- Geology
- Archeology and cultural heritage

### International Advisory Committee

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