



Arab Atomic Energy Agency
League of Arab States



Jordan Atomic Energy Commission
The Hashemite Kingdom of Jordan

16th Arab Conference on the Peaceful Uses of Atomic Energy

Organized by

Arab Atomic Energy Agency

in Collaboration with

Jordan Atomic Energy Commission

Dead Sea, the Hashemite Kingdom of Jordan

15 – 19/12/2024

One of the most important goals of the Arab Atomic Energy Agency (AAEA) is to support and encourage scientific research, in order to keep pace with the progress in the peaceful uses of atomic energy in the Arab region. This has become an important tributary of sustainable development, as nuclear technologies are involved in various areas of life. Since Khartoum Summit in 2006, the Council of the Arab League issued numerous resolutions, stating the need of Arab cooperation in the field of peaceful uses of atomic energy. These resolutions were embodied in the first Arab strategy for peaceful uses of atomic energy (2010-2020), upon which the Agency pursued the implementation program till the end of 2020. Then AAEA developed the second Arab strategy for peaceful uses of atomic energy (2021-2030) as a continuation of its first phase, taking into consideration recent developments in nuclear technologies and the needs of Arab countries. The new strategy was approved at the Arab Summit, which was held in Algeria (1-2/11/2022). The AAEA initiated the implementation of the approved scientific activities of the new strategy.

The Arab conference on the peaceful uses of atomic energy is an important event, in which Arab researchers and scientists meet to present their theoretical and applied results of research activities. The objective of the conference is to exchange experiences and knowledge, and to strengthen the mutual scientific cooperation, which is considered a key factor in maximizing the benefits of peaceful nuclear applications in various fields of life.

In this context, the AAEA organizes the sixteenth Arab conference on the peaceful uses of atomic energy in cooperation with the Jordan Atomic Energy Commission in Dead Sea region – Jordan, during the period of 15-19 December 2024. The areas of the conference were chosen in accordance with the thrusts of the Arab strategy for peaceful uses of atomic energy approved by the Arab Summit.

The conference sessions include scientific papers and lectures related to the conference themes and areas, submitted by competent Arab and international scientists.

Conference Areas

- 1 – Water resources.
- 2 – Food security.
- 3 - Health.
- 4 – Environment.
- 5 – Industry & mining.
- 6 – Basic nuclear sciences.
- 7 – Nuclear safety, security & safeguards.
- 8 – Nuclear reactors.
- 9 – Accelerators.

- 10 – Materials sciences.

Participation in the conference is open to applicants with accepted research papers or scientific posters, or to other attendees from Arab atomic energy agencies, universities, ministries and institutions concerned with the peaceful uses of nuclear technologies and nuclear regulatory bodies.

Exhibition

A scientific exhibition of equipment and devices related to nuclear sciences and their applications will be organized on the sideline of the conference. The organizers are pleased to invite companies and institutions interested in this field to participate in the conference to showcase their technologies and services. The subscription fees will be determined by the conference organizers. A sponsorship packages have been arranged including Diamond sponsor, Platinum sponsor, Gold sponsor, and Silver sponsor.

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