

Welcoming Address, **Prof. Dr. Amr Elhag Aly**, EAEA Chairman of the Board

**Distinguished Egyptian and Foreign Scientists and Guests
Ladies and Gentlemen**

It gives me pleasure in the name of the Egyptian Atomic Energy Authority to welcome your presence at this 12th Conference on Nuclear and Particle Physics NUPPAC' 22 at these pleasant days of May in this wonderful city of Sharm el-Sheikh.

Let me introduce to you the Egyptian Atomic Energy Authority (EAEA) its establishment, organization, major facilities, products and services.

Highlights on the EAEA Establishment

The idea of having a national body on peaceful uses of atomic energy went back to 1955, by issuing The **Act No. 509/1955** establishing The **Egyptian Atomic Energy Commission**.

The Commission's objective was (and still remains) to secure for the State the utilization of Atomic Energy for peaceful purposes, and its application for the advancement of science, medicine, agriculture and other fields of activity. The Commission had to ensure that Egypt keeps pace with world progress in the subject

In 1957 the **Presidential Decree No 288** was issued on the Establishment of the **Atomic Energy Authority** (AEA) as a body that follows the Presidency.

Organization

The current organization of the Authority include **4 Science Centers**: The Nuclear Research Center (**NRC**), and The Hot Laboratories Center (**HLC**) {both at the Inshas Site}, The National Center for Radiation Research and Technology (**NCRRT**), and the Nuclear and Radiation Research Center (**NRRC**) {both at the Nasr City Site}.

The EAEA comprise 13 Science Divisions totaling 44 Science Departments covering wide spectrum of Science and Engineering.

Major Facilities

These are:

Egypt's 1st Research Reactor (ETRR-1) {2 MW tank type, Soviet 1961},
Egypt's 2nd Research Reactor (ETRR-2) {22 MW pool type, Argentina
1998},
MGC-20 Cyclotron {Four-particle variable energy, Russia 2000},
3 MV Tandetron {Multi-particle variable energy, The Netherlands 2002},
3 MV Electron Accelerator {Industrial Irradiation}, 2014,
Egypt's Mega Gamma Cairo {Industrial Irradiation Unit 750 kCi 1992},
Egypt's Mega Gamma Alexandria {Industrial Irradiation Unit 500 kCi
2006}.

Major Products and Services

Reactor radioactive isotopes {Mo-99, I-131, Cr-52, Ir-192}
Reactor gem coloration
Sterilization of medical products and instruments
Preservation of food stuff
Radiation surveillance of imported stuff

Once again I welcome your attendance wishing you beneficial conference time, good stay in Egypt and happy return home.

Thank you.

Prof. Dr. Amr Elhag Aly
President,
Egyptian Atomic Energy Authority