ACTIVITIES OF THE TUNISIAN ASSOCIATION OF NUCLEAR SCIENCES AND TECHNIQUES (ATSTN) TO SUPPORT NUCLEAR ENERGY PROGRAMME

Presented by

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President of the Tunisian Association of Nuclear Sciences and Techniques (ATSTN)

Tunis, 3rd October 2017
1. Who we are?
2. Our Mission
3. Objectives of the ATSTN
4. The structure of the ATSTN
5. Membership
6. Our Activities
7. Coming Events
1- Who we are?

✓ The Tunisian Association of Nuclear Sciences and Techniques (ATSTN) was established in November 2016 by young nuclear Engineers.

✓ ATSTN is a non–profit organization representing individuals contributing to and supporting nuclear science, nuclear technology and nuclear engineering in Tunisia.

- nuclear power generation,
- medical and industrial uses of radionuclides,
- occupational and environmental radiation protection,
- associated activities in research and development.
2- Our Mission

✓ to promote a wider understanding of nuclear energy,
✓ to improve safety,
✓ To contribute to the energy debate,
✓ to promote and to contribute to the advancement of the nuclear knowledge by maintaining a National Nuclear Base.
Who we are?

Our Mission

Objectives of the ATSTN

The structure of the ATSTN

Membership

Our Activities

Coming Events
3- Objectives of the ATSTN:

- to act as a forum for the exchange of information relating to nuclear science and technology;

- to foster the development and beneficial utilization of nuclear science and technology for peaceful uses;

- to encourage education in, and knowledge about, nuclear science and technology;

- to enhance the professional and technical capabilities of those involved in nuclear science and technology in the Tunisian context.
4- The structure of the ATSTN:

✓ The ATSTN conducts its affairs through a council whose members are elected by the membership.

✓ The council is responsible to the membership in the development of policies and programs.

✓ The ATSTN is organized into branches and technical divisions; both are directed towards involvement of the individual member.
Board of Directors:

Mr. Mahrane KHALFOUN
1st Vice-President

Mr. Khaled DEBABI
President

Ms. Dorra LAJNEF
Director of external relations

Mr. Ayoub Salahdin BEN HASSEN
Treasurer

Mr. Aymen ARRAISSIA
General Secretary

Ms. Narjess MILED
Responsible of communication
5- Membership:

- Scientists & Engineers
- Universities
- Media
- Educators
- Decision Makers
- Administrators
- Students
- Interested Public

Free Memberships
Benefits Accruing to ATSTN Members:

- Take advantage of many excellent opportunities to grow professionally by meeting and networking with colleagues in Tunisia and internationally.

- Take advantage of excellent opportunities to grow personally by volunteering, learning new things and new skills.

- Receive quarterly ATSTN Bulletin.

- Receive earliest notification of ATSTN Courses and Conferences, Branch Seminars and other Programs.

- Receive early notices by e-mail of many other items of interest.

- Receive special member registration fees to ATSTN Conferences and Courses.

- Low membership fees compared to many other similar societies.
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What we do:

✓ Promote the use of nuclear technologies and foster the engagement of professionals to sustain the implementation of capacity building projects;

✓ Engage national stakeholders and share experiences in engaging the public for the use of nuclear science and technologies;

✓ Share experiences and approaches in developing national nuclear knowledge bases and knowledge interfaces between national stakeholders;

✓ Advice on the introduction of nuclear technologies with regards to power generation.
Cooperation:

- The ATSTN signed an agreement with the Canadian Nuclear Society (CNS) and with the Tunisian POLYTECH University.

- The Arab Atomic Energy Agency (AAEA) and STEG will support the ATSTN in all its activities.

- ATSTN will also co-operate with government agencies, educational institutions, and other international organizations having the same or similar purposes for the fulfillment of its objectives.
National and international participations:

- Safety and communication Technical Meeting, China, April 2017
- The forum 'CENTRALE JOB FAIR' the forum for professional integration and support for young graduates, Tunis May 2017.
- The “ENIT Forum” to promote the use of nuclear technologies, Tunis, July 2017;
- 3 days course in the POLYTECH University to introduce the Nuclear Energy, Tunis, September 2017.
National and international participations:

- Two of our members were selected and recommended by the China Zhongyuan Engineering Corporation for the international Master Program in Nuclear Engineering and Management in Tsinghua University.

- We have proposed 10 traineeships for our members in the Wakasa Wan Energy Research Center in Japan.
7- Coming Events:

First Annual Conference
“Nuclear Technologies-to build a better world”
Tunis, 15th -17th November 2017

• Safety and Security, Effective Regulation and Waste Management
• Nuclear Technologies and Future Perspectives
• Communicating the Nuclear Message and Knowledge Transfer
• Nuclear and Medicine

Sponsor
7- Coming Events:

**3 days course on Nuclear Plant Safety**

*2nd - 4th May 2018*

- Radiation protection in nuclear facilities;
- Design of a nuclear reactor, interfaces with security;
- Safety classification of structures, systems and components;
- Deterministic accident analysis and probabilistic safety analysis;
- Siting considerations and environmental impact assessment;
- ...
7- Coming Events:

38th CNS Annual Conference
Student Conference, Saskatoon, Canada
June 3 - June 7 2018

- knowledge transfer,
- nuclear science,
- technology research and implementation,
- professional development, communication.
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THANK FOR YOUR ATTENTION