



**The Abdus Salam
International Centre for Theoretical Physics**



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Joint ICTP-IAEA School of Nuclear Energy Management

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Last Year School – Memories and Impression

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Last Year's School: Memories and Impression

**IAEA-ICTP
School of Nuclear Energy Management
Trieste, Italy
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Overview

- School of Nuclear Energy Management
- Relevance of SNEM
- Lectures
- Case Study
- Study Tour
- Why do I call it a unique school?
- What you would experience here?
- Nuclearfirst
- You make the school vibrant !

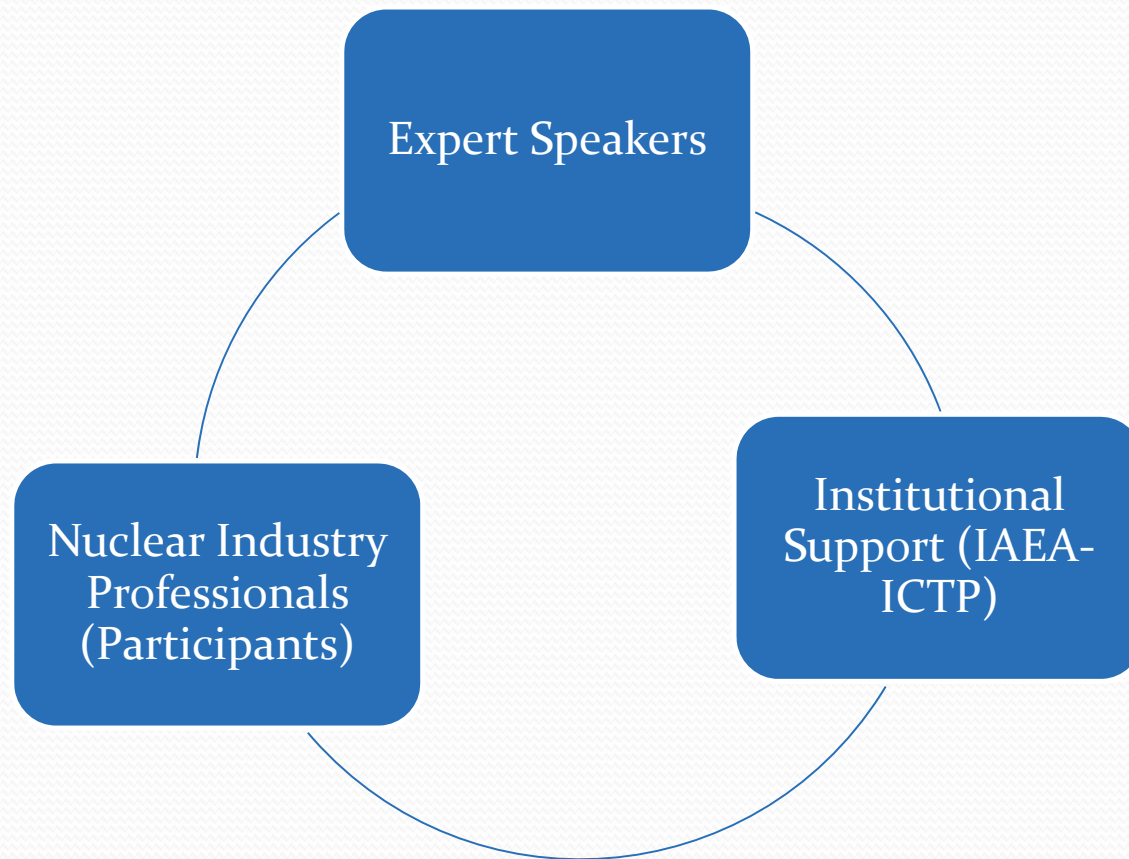
School of Nuclear Energy Management

- This specialized training is aimed at empowering the nuclear sector professionals with expertise and knowledge on various nuances of nuclear energy sector.



- The school curriculum constitute a meticulously prepared mix of topics which would give enormous exposure to the participants.

Bringing Diverse Expertise Together

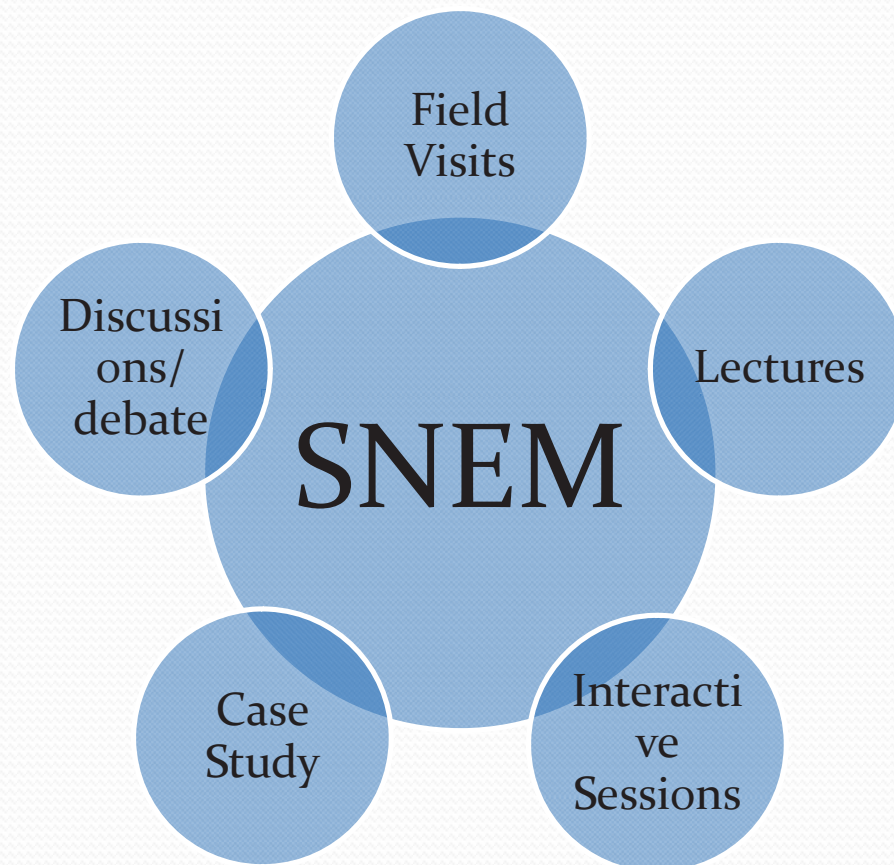




Relevance of SNEM

- Relevance of Nuclear Knowledge in an energy constrained, post-Fukushima world
- Reaching the right message in the minds of young nuclear sector professionals
- Catalyzing a right debate and helping the world take an informed decision
- Promote peaceful use of nuclear energy
- Knowledge Sharing sans Boundaries !!

SNEM: What is Inside?



- About 60 Lectures from eminent speakers on 10 different themes covering nuclear sector
- About 20 Video conferences with IAEA Speakers
- About 20 case studies
- 2 Technical tours
- Panel discussions
- Debates
- Group projects
- Discussion with group mentors
- Final Presentations



Lectures

- Power-packed lectures, discussions, debates !
- Emphasis on the need for ‘transparency’, ‘communication’, ‘building trust’ and ‘responsibility in ensuring peaceful use’ as the most important aspects of nuclear knowledge in the world.

Lectures: Topics Covered

- Extreme Climate, Earthquakes and other Environmental Risks;
- Energy Planning, Economics and Finance;
- IAEA Support for Nuclear Power Development;
- Nuclear Power – Technology and Life Cycle
- Nuclear Science;
- Nuclear Safety and Security;
- Nuclear Law, International Conventions and Relevant Mechanisms;
- Nuclear Non-Proliferation and Safeguards;
- Human Resource Development and Knowledge Management;
- Nuclear Leadership, Management and Sociology.



Case Study

- The case studies brought in a new dimension of interaction among participants.
- It facilitated exposure to discussions and debates, participants' involvement in group activity and development of interpersonal skills.



Study Tour

- Elettra ('International multidisciplinary laboratory specialized in synchrotron radiation' in Trieste, Italy),
- "Milan Copic Nuclear Training Centre" (Jozef Stefan Institute in Ljubljana, Slovenia)
- Krsko Power plant in Slovenia.





Why do I call it a unique school?

The School is aimed at:

- Preserving, sharing and developing nuclear energy knowledge accumulated over years of experience, with an aim of promotion of peaceful use of nuclear energy for the humankind
- Nourishing the nuclear knowledge in countries which are embarking on developing nuclear power
- Successful in bringing together the best pool of experts to share nuclear knowledge
- ICTP: the a driving force behind global efforts to advanced scientific expertise

What would you experience here?

- Filling knowledge bank
- Verifying concepts
- Debating views
- Challenging perceptions



Nuclearfirst: Informal Mailing Group of Participants

- The members are encouraged to share, discuss, debate and constructively criticize developments and issues in the global energy sector
- Not to share any information which may be sensitive from their personal or national point of view
- Welcome to:
nuclearfirst@googlegroups.com



You Make the School Vibrant !

- What made the school a big success was that it not only met this knowledge demand of the participants but also was able to equip them with most updated information on various nuances of nuclear energy in the world.



SPEAK UP

SNEM 2010



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THANK YOU

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(The views expressed in the presentation neither represent the views of any government or any organisation. All observations are personal)