# The Future of Nuclear Energy:
# Engaging the Young Generation

Featuring European Master of Science in Nuclear Engineering **(EMSNE) Award Ceremony**

## Wednesday, 20 September 2017, 14:30 — 16:30
## Conference Room C3, C Building, 7th floor

One of the main challenges in nuclear industry is ensuring competent nuclear workforce for the future. This event will present several programmes for training and education of future nuclear professionals developed by the IAEA. It will also provide an opportunity for representatives of nuclear young generation to share their experiences in this area.

IAEA's tools for capacity building using research reactors (RR) include the Internet Reactor Laboratory (IRL), regional RR schools, group fellowship training programme of the Eastern Europe RR Initiative and International Centres based on Research Reactors (ICERR) scheme. These services are available, upon request, to Member States that operate or are planning to establish RR as a primary facility to develop capabilities in nuclear science and technology, or as supporting step to embark on a national nuclear power programme.

IAEA's Nuclear Energy Management and Nuclear Knowledge Management Schools have so far seen over 1 000 students. International Nuclear Management Academy (INMA) is another initiative aimed at providing master's degree programmes focusing on technology management aspects of the nuclear sector.

The European Nuclear Education Network (ENEN) will present its new european ENEN Plus Project, aimed to attract, retain and develop nuclear talent, as well as other opportunities available in the ENEN framework.

Young Generation in Nuclear (YGN) societies will present some of the ways in which they contribute to knowledge transfer and leadership development, including mentorship programmes, soft skill seminars, multi-cultural integration, and sharing of best practices.

The event will also give an overview of how the Technical Cooperation programme is exploring opportunities to prepare the next generation of nuclear scientists by empowering the youth through its capacity building programmes in a range of areas.

In cooperation with ENEN, the side event will feature European Master of Science in Nuclear Engineering (EMSNE) Award Ceremony. This year, 19 laureates will receive the EMSNE Certificates.

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## Programme

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|---|---|
| **Opening Address** | **Mikhail Chudakov**<br>Deputy Director General<br>Department of Nuclear Energy |
| **Nuclear Capacity Building through Research Reactors** | **Andrea Borio**, Section Head<br>Research Reactor Section<br>Division of Fuel Cycle and Waste Technology |
| **Nuclear Knowledge Management Programmes for Young Generations** | **John de Grosbois**, Section Head<br>Nuclear Knowledge Management Section<br>Division of Planning, Information and Knowledge Management |
| **Attract, Retain and Develop New Nuclear Talents: the ENEN+ project** | **Leon Cizelj**<br>President of ENEN |
| **Knowledge Transfer and Leadership Development in coordination with Young Generation in Nuclear (YGN) Societies** | **Chirayu Batra, Denis Janin**<br>UN-NYG President;<br>International Youth Nuclear Congress (IYNC) President |
| **Empowering the youth in nuclear science and technology** | **Shaukat Abdulrazak**, Director<br>Division for Africa, Department of Technical Cooperation |
| **Q&A Session** | **Panel** |
| **EMSNE Award Ceremony** | **Official delivery of certificates** |
| **Address on behalf of EMSNE Laureates** | **Tuuli Pyy** |
| **Closing remarks** | **Wei Huang**<br>Director, Division of Planning, Information and Knowledge Management |

**16:30 Reception offered by ENEN and IAEA**

## EMSNE Laureates 2017

| | | | | |
|---|---|---|---|---|
| 1 | **Allegrini, Maria Luisa** | | 11 | **Gamarino, Matteo** |
| 2 | **Bednar, Vojtech** | | 12 | **Mancini, Giulio** |
| 3 | **Buglione, Francesco** | | 13 | **Nigbur, Corbinian** |
| 4 | **Capanna, Roberto** | | 14 | **Pyy, Tuuli** |
| 5 | **Carlsson, Joel** | | 15 | **Rovira Leveroni, Gerard** |
| 6 | **Ciavorella, Federico** | | 16 | **Torner Carrion, Aleix** |
| 7 | **Di Buono, Antonio** | | 17 | **Uygur, Selim** |
| 8 | **Facchini, Alberto** | | 18 | **Valasik, Michal** |
| 9 | **Foligno, Daniela** | | 19 | **Youssoufi, Sara** |
| 10 | **Fonellosa Caro, Aleix** | | | |