

**SCHOOL ON RADIATION  
TECHNOLOGIES 2019**



## A leadership development programme for professionals in the radiation technologies field

**Applications are invited for the 5<sup>th</sup> WNU School on Radiation Technologies  
14 to 25 October 2019, Obninsk, Russia**

in collaboration with Rosatom Technical Academy and International Atomic Energy Agency (IAEA)



### The Focus

The World Nuclear University RT School aims to:

- Provide a broad overview of the field of radioisotopes production and radiation technologies as well as the trends and main issues encountered by practitioners in this area.
- Develop essential skills for leadership, communication and project management.
- Provide a unique opportunity to develop a worldwide network of radiation specialists.

Apply online at  
[world-nuclear-university.org](http://world-nuclear-university.org)

Deadlines  
3 April 2019 for IAEA funded applications  
16 August 2019 for Company funded applications



Founding supporters





The tuition fee includes course material, mentorship, technical visits, meals, transfer and accommodation during the course. The fee is €2,700, but a discount is offered for local residents. Travel from the home country to the WNU RT School and insurance are not included. While attending the RT School, participants will also enjoy a diverse programme of social and cultural events.

### Curriculum

Developed in consultation with an expert Programme Committee, the RT School curriculum covers a wide spectrum of topics relevant to radiation technologies, including:

- Operations, research, development, and regulatory frameworks, including production of radioisotopes, quality assurance and control, safety and security, transport, waste management, and supply chain.
- Current and future applications, including nuclear techniques in healthcare, industrial process management, food and agriculture, environmental protection, and life sciences.

The RT School's intensive two-week programme features:

- Lectures by prominent experts in radioisotopes and radiation technologies and distinguished speakers.
- Small-group work led by mentors, where participants analyse case studies and develop proposals for resolving RT-related issues.
- Technical visits to RT-related sites including medical and industrial facilities.

### Entry requirements

- A university degree or equivalent (exceptions to be considered on the basis of unusual merit)
- Knowledge of the basic principles of radiation technologies applied in medical, industrial and other applications
- Demonstrated academic and professional excellence with 2 recommendation letters
- Proficiency in English, the working language of the RT School

### Selection process

The aim of the selection process is to have a synergistic, internationally diverse mix of radiation technology professionals. The process will place considerable weight on each applicant's demonstrated potential for leadership and work experience.

**All applications are to be made via the WNU website only.** Selection of participants will be made through a consultation process, led by the WNU Coordinating Centre.

Gender balance is a priority in WNU programmes.



### The host organization

Rosatom Technical Academy (Rosatom Tech) is the center of excellence in building professional competencies in the global sphere of nuclear technology to meet the goals of sustainable development worldwide. Rosatom Tech was established in 1967 in Obninsk – home of the world's first NPP and a science city. The academy provides training and consultancy service for the Russian nuclear programme. Rosatom Tech is the main instrument of the State Atomic Energy Corporation 'Rosatom' in supporting nuclear infrastructure development in the newcomer countries.

### About the World Nuclear University

Inaugurated in 2003 and encompassing key institutions of nuclear learning in more than 30 nations, the WNU network has four Founding Supporters: the International Atomic Energy Agency, the OECD Nuclear Energy Agency, the World Nuclear Association and the World Association of Nuclear Operators.

The mission of the WNU is to enhance international education and leadership in the peaceful uses of

nuclear energy and the applications of nuclear science and technology, by providing top-level training for future world-class nuclear leaders. WNU activities are designed to harness the strengths of partners in pursuit of shared purposes.

The WNU pursues this mission through programmes organized by the WNU Coordinating Centre in London, with administrative support from the World Nuclear Association.

### Comment from RT School 2017 in São Paulo, Brazil:

“The RT School is a great opportunity to learn about radiation technology and meet absolutely incredible people, who are the best specialists in their field. It's unique possibility to work in such a diverse environment and develop leadership abilities in a very friendly atmosphere. There is nothing to lose, but there is everything to gain!”