



# School on Radiation Technologies

## Programme Agenda 11 – 22 October 2021 | Online

### WEEK ONE

Monday 11 October

**12:00 Welcome and Course Introduction**  
**Speaker:**  
**Isis Leslie**  
 Director, World Nuclear University

**12:10 Presentation: Net Zero Needs Nuclear!**  
**Speaker:**  
**Sama Bilbao y Leon**  
 President, World Nuclear University

**12:40 Mentor Introductions**  
**Mentors:**  
**Abel Julio González**, ARN; **Valeriia Starovoitova**, IAEA; **Dr. Valery Radchenko**, TRIUMF; **Dr. Jan Rijn Zeevaart**, NECSA; **Dr. Natesan Ramamoorthy**, Ex-IAEA, Ex-BARC/DAE; **Mary Boadu**, Ghana Atomic Energy Commission

**12:50 Presentation: The Role of Leadership (and Management) in Optimizing Technical Performance**  
**Speaker:**  
**Dr. Lisa Lande**  
 Nuclear Human Resource Development Specialist, IAEA

**13:50 Working Groups**

Tuesday 12 October

**12:00 Presentation: Introduction to Radiation Technologies**  
**Speaker:**  
**Dr. Natesan Ramamoorthy**  
 Ex-IAEA, Ex-BARC/DAE

**13:00 Presentation: Nuclear Sciences & Applications: Contributing to the SDGs**  
**Speaker:**  
**Najat Mokhtar**  
 Deputy Director General and Head of the Department of Nuclear Sciences and Applications, IAEA

**13:30 Presentation: Production of Medical Radionuclides**  
**Speaker:**  
**Valery Radchenko**  
 PhD, Research Scientist, TRIUMF

**14:10 Working Groups – Leadership Challenge**

Wednesday 13 October

**12:00 Presentation: ANSTO Virtual Technical Tour**  
**Speaker:**  
**Andrew Peele**  
 Group Executive Nuclear Science and Technology and Director Australian Synchrotron, ANSTO

**13:10 Presentation: Radiation Sources, their safety and security, and alternative technologies**  
**Speaker:**  
**Valeriia Starovoitova**  
 Radiation Technology Officer, IAEA

**14:40 Working Groups – Leadership Challenge**

Thursday 14 October

**12:00 Presentation: Fundamentals of Radiation Protection**  
**Speaker:**  
**Abel J. González**  
 UNSCEAR Representative, IAEA Delegate, ex-ICRP Vice-Chair, ARNA

**14:10 Break**

**14:20 Working Groups – NINA Projects**

Friday 15 October

**12:00 Presentation: Harnessing collaborations and synergies in applications of radiation technologies**  
**Speaker:**  
**Joao Osso**  
 Head, Radioisotope Products and Radiation Technology Section, IAEA

**13:00 Presentation: Industrial Uses for Radiation Technologies**  
**Speaker:**  
**Mayir Mamtamin**  
 Principal Scientist, Halliburton

**13:50 Presentation: IAEA Virtual Technical Tour**  
**Speaker:**  
**Wyatt Linder**  
 Junior Professional Officer, IAEA

**14:20 Break**

**14:30 Working Groups – NINA Projects**

### WEEK TWO

Monday 18 October

**12:00 Presentation: Importance of Trust in Nuclear Communications**  
**Speaker:**  
**Jason Cameron**  
 Vice-President of Communications and Public Affairs, AECL

**12:40 Presentation: Effective Public Communications**  
**Speaker:**  
**Adrian Bull**  
 External Relations Director, NNL/Dalton Institute, University of Manchester

**14:00 Working Groups – Public Communications Exercise**

Tuesday 19 October

**12:00 Presentation: Advances in Radiation Therapy**  
**Speaker:**  
**Ibrahim Duhaini**  
 Senior Medical Physicist, Varian Medical Systems

**13:00 Presentation: Management of Radioisotope Production and Distribution**  
**Speaker:**  
**Efrain Araujo Perini**  
 R&D Project Manager, IBA RadioPharma Solutions

**13:40 Presentation: Applications of radiation technology based on eb for environment pollution control technologies**  
**Speaker:**  
**Andrzej Chmielewski**  
 Head, INCT

**14:20 Break**

**14:30 Working Groups**

Wednesday 20 October

**12:00 Presentation: Radiopharmaceuticals, their applications and innovations in the sector**  
**Speaker:**  
**Dr. Jan Rijn Zeevaart**  
 Acting Divisional Executive: Research and Technology Development, NECSA

**13:00 Presentation: Economics in the field of Radio Isotopes and Radiation Technologies**  
**Speaker:**  
**Carlo Chemaly**  
 Assistant to the Director, EC Office for Infrastructure & Logistics Brussels

**14:00 Presentation: Secure Global Supply of Medical Radioisotopes**  
**Speaker:**  
**Ira Goldman**  
 Vice President, Global Public Policy and Government Relations, Lantheus Holdings

**14:40 Break**

**14:50 Working Groups – NINA Projects**

Thursday 21 October

**12:00 Presentation: Radioactive Waste Management**  
**Speaker:**  
**Dr. Chetan Parkash Kaushik**  
 Outstanding Scientist, BARC & Senior Professor, HBNI

**13:15 Presentation: Packaging and transporting radioactive materials**  
**Speaker:**  
**Frank Koch**  
 Swiss Federal Nuclear Safety Inspectorate, ENSI

**14:00 Presentation: Ionizing Technology Applications in Food and Agriculture**  
**Speaker:**  
**Suresh Pillai**  
 Professor of Molecular Microbiology, TAMU

**14:30 Break**

**14:40 Working Groups – NINA Projects**

Friday 22 October

**12:00 Presentation: A Personal Journey**  
**Speaker:**  
**Shaun Jenkinson**  
 CEO, ANSTO

**12:45 Presentation: The importance of UN independent radiation science**  
**Speaker:**  
**Borislava Batandjieva-Metcalf**  
 Secretary, UNSCEAR

**13:30 Break**

**13:40 NINA Project Final Presentations**

**15:10 Presentation Feedback**  
**Speaker:**  
**Sama Bilbao y Leon**  
 President, World Nuclear University

**15:40 Closing Remarks**