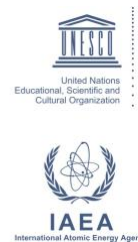




The Abdus Salam  
**International Centre  
for Theoretical Physics**



## ICTP NEM School Webinar Series- timetable

### INTRODUCTION

This online course will be delivered as a series of pre-recorded lectures, broadcasted each day for asynchronous, self-paced learning.

Learning materials will be open for participants' access according to the timetable below, each day at 9:00 (CEST) on the MOODLE Platform.

The course will also feature:

- Opening remarks on Monday 06 June at 14:00 (CEST)
- Online forums to provide a space for discussion and online Q&A
- Live panel discussions at the end of each week
- Virtual technical tour(s)
- Closing remarks on Friday 17 June at 15:00 (CEST)
- A final exam

### Online Forums

#### MATRIX Forums –

Live interactive sessions are planned on the Matrix chatroom for real time discussion and to address your questions live on Wednesdays - 8 and 15 of June at 14:00 (CEST).

Additionally, questions can be posted on Matrix outside the times set for the live sessions throughout the course duration and will be addressed asynchronously. Feedback will be provided, at the latest, by the start of the following day.

#### Tutors:

Brian MOLLOY (Private consultant, Ireland)

John MOORE (Private consultant, Canada)

## Timetable

### WEEK 1

#### Monday, 06 June 2022

Opening remarks, objectives and overview: 14:00 (CEST)

**IAEA and Its Services to Member States 60'**

Speaker: Tea BILIC ZABRIC (IAEA, Austria)

**Introduction to Nuclear Power and Current Nuclear Power Technologies 60'**

Speaker: Stefano MONTI (IAEA, Austria)

**Nuclear Power Technology Evolution 60'**

Speakers: Haseeb Ur REHMAN, Tatiana JEVREMOVIC (IAEA, Austria)

**IAEA's Scientific and Technical Information Resources 60'**

Speaker: Tea BILIC ZABRIC (IAEA, Austria)

#### Tuesday, 07 June 2022

**Introduction to Nuclear Applications 60'**

Speaker: TBC (IAEA, Austria)

**Introduction to Nuclear Research Facilities 60'**

Speaker: Nuno BARRADAS (IAEA, Austria)

**Non-electric Applications of Nuclear Power 60'**

Speaker: Alina CONSTANTIN (IAEA, Austria)

**Development of Small Modular Reactors 60'**

Speaker: Chirayu BATRA (IAEA, Austria)

**IAEA approach to Workforce Planning for Nuclear Organizations 60'**

Speaker: David DRURY (IAEA, Austria)

**An Integrated Approach to HRD and NKM 60'**

Speaker: David DRURY (IAEA, Austria)

#### Wednesday, 08 June 2022

**MATRIX live forum** on topics delivered on Day 1 and 2 14:00 (CEST)

**Virtual Tour** – asynchronous (optional)

#### Thursday, 09 June 2022

**Introduction to New Builds and the IAEA's Milestones Approach 60'**

Speakers: Thibaud REYSSET and Marta WALKER (IAEA, Austria)

**Role of Nuclear Energy for Sustainable Development 60'**

Speaker: Aliko VAN HEEK (IAEA, Austria)

**Economics of Nuclear Power 60'**

Speaker: Aliko VAN HEEK (IAEA, Austria)

**Energy Planning Tools and Capacity Building Programme of the IAEA 60'**

Speaker: Manuel WELSCH (IAEA, Austria)

**Introduction to NPP Life Cycle Management 60'**

Speaker: Ed BRADLEY (IAEA, Austria)

## Friday, 10 June 2022

Panel discussion 14:00 (CEST)

Speakers  
(in alphabetical order)

BARRADAS Nuno (IAEA, Austria)
BYCHKOV Alexander (IAEA, Austria)
LEPOUZE Benoit (IAEA, Austria)
MATTHEWS Lynne (EDF Energy, UK) <b>TBC</b>
MOLLOY Brian (Private consultant, Ireland)
MOORE John (Private consultant, Canada)
PAILLERE Henri (IAEA, Austria)
TUNIZ Claudio (ICTP, Italy)

Virtual Tour – live (details to be provided)

## WEEK 2

Monday, 13 June 2022

### **Main Principles of Stakeholders Involvement and Public Communication for Nuclear Technology 60'**

Speaker: David DRURY (IAEA, Austria)

### **Introduction to the Concept of Risk and Risk Communication 90'**

Speaker: David DRURY (IAEA, Austria)

### **Nuclear Leadership and Management 60'**

Speaker: Iva KUBANOVA (IAEA, Austria)

### **Safety Culture 60'**

Speaker: Caroline PIKE (IAEA, Austria)

### **Overview of Nuclear Fuel Cycle 60'**

Speaker: Kailash AGARWAL (IAEA, Austria)

Tuesday, 14 June 2022

### **Decommissioning of Nuclear Facilities 60'**

Speaker: Patrick O'SULLIVAN (IAEA, Austria)

### **Spent Nuclear Fuel Management 60'**

Speaker: Amparo GONZALEZ-ESPARTERO (IAEA, Austria)

### **Radioactive Waste Management 120'**

Speakers: Rebecca ROBBINS, Stefan MAYER, Willie MEYER, Philippe VAN MARCKE, Karina LANGE (IAEA, Austria)

### **Main Principles of Nuclear Safety 60'**

Speaker: Maria MORACHO RAMIREZ (IAEA, Austria)

### **Radiation Protection and Safety 60'**

Speaker: Hari PAPPINISSERI (IAEA, Austria)

### **Emergency Preparedness and Response 60'**

Speaker: TBC (IAEA, Austria)

Wednesday, 15 June 2022

**MATRIX live forum** on topics delivered on Day 6 and 7: 14:00 (CEST)

**Virtual Tour** – asynchronous (optional)

## Thursday, 16 June 2022

### **Nuclear Security Fundamentals and Infrastructure 120'**

Speaker: Kristof HORVATH (IAEA, Austria)

### **Information and Computer Security 60'**

Speaker: Trent NELSON (IAEA, Austria)

### **Nuclear Law and Relevant International Legal Instruments 60'**

Public video, Various Speakers (IAEA, Austria)

### **IAEA Legal Framework for Safeguards 60'**

Speaker: Cristian DE FRANCIA\* (IAEA, Austria)

### **IAEA Methods and Tools for Safeguards Implementation 120'**

Speaker: Kerrin SWAN\* (IAEA, Austria)

## Friday, 17 June 2022

Panel discussion 14:00 (CEST)

### Speakers

(in alphabetical order)

GERMAN Olga (IAEA, Austria)

LANDE Lisa (IAEA, Austria)

KHAPERSKAIA Anzhelika (IAEA, Austria)

KUBANOVA Iva (IAEA, Austria)

MOLLOY Brian (Private consultant, Ireland)

MOORE John (Private consultant, Canada)

TUNIZ Claudio (ICTP, Italy)

Closing remarks