



**orano**

# **WORLD NUCLEAR EXHIBITION**

**November 28<sup>th</sup> - 30<sup>th</sup> 2023 • Paris Nord Villepinte**



**CONNECTING NUCLEAR TO THE WORLD**  
RISING TO THE ENERGY AND ENVIRONMENTAL CHALLENGES!



# EVENTS you don't want to miss

# TUESDAY



**13h30 - 14h20** Workshop Room 1

**OranoBox**, a brand-new digital platform dedicated to **Materials and Waste Management Solutions**.



**15h - 15h50** Workshop Room 2

**Avoiding costly refurbishment down time**, replacement of a major La Hague reprocessing plant system on budget & on time.



**16h45 - 17h30** Main stage

**Sponsor's Tribune ORANO Nuclear fuel cycle and security of supply** to sustain nuclear development for small, advanced and large reactors.

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**14h - 14h50** Workshop Room 2

**From waste to raw material:** projects which enable to shift perspectives.



**15h - 15h50** Workshop Room 1

**Orano's successful experiences in decommissioning BWR & PWR**, using different segmentation methodologies.

# WEDNESDAY

# PROGRAM

Booth J102

## TUESDAY

**9H30-11H**

### Discover our virtual reality applications

**Melox plant tour.**  
**Melox Interactive**, 4.0 tools for Melox production management.  
**The virtual reality** to accelerate skills upgrading, prepare and rehearse operations, and design tomorrow machines.

**11H30-13H30**

### Visit Orano's sites via Virtual Reality

Kazakhstan Mine / Malvési and Tricastin, our front-end sites / La Hague, reprocessing plant / Melox, MOX plant.

**13H30-14H**

### Dem&Melt presentation

An Innovative In-can vitrification process.

**14H30-16H**

### Discover our virtual reality applications

**Melox plant tour.**  
**Melox Interactive**, 4.0 tools for Melox production management.  
**The virtual reality** to accelerate skills upgrading, prepare and rehearse operations, and design tomorrow machines.

**16H-16H45**

### udd@Orano presentation

Accelerating 14.0 cutting edge technologies deployment on Orano's industrial plants for safety, performance and sustainability improvement.

**17H30**

### Hefais school

Welding Augmented Reality Demonstrator.

**HAPPY HOUR**

## WEDNESDAY

**9H-10H30**

### Come and discover MANUELA™ VR

Our 3D virtual reality radiological mapping tool that makes the invisible visible ! Discover our virtual reality application to learn how to sort, characterize and package wastes by type in a fun and interactive way!

**10H30-11H**

### Presentation of Orano's waste cementing capabilities

**11H-12H**

### Dive into the world of «Jumpers»

and challenge yourself to assemble and set the dam into the steam generator nozzle in record time. The goal? Complete the task in under a minute while minimizing the radiation dose exposure. **The fastest Jumpers win the prize!**

**12H-14H**

### Visit Orano's sites via Virtual Reality

Kazakhstan Mine / Malvési and Tricastin, our front-end sites / La Hague, reprocessing plant / Melox, MOX plant.

**14H-15H30**

### Step into the shoes of a Jumper

Dive into an immersive environment to learn the job of a Jumper and perform maintenance inside a steam generator safely and efficiently ! Discover our virtual reality application to learn how to sort, characterize and package waste by type in a fun and interactive way!

**15H30-16H30**

### Discover 2 innovative tools

**MANUELA™**: A portable device for precise and simultaneous 3D topographic and radiologic mapping.  
**ANEMONE**: The universal tool for recovering and sampling solid elements in inaccessible and/or irradiated areas.

**16H30-18H**

### Step into the shoes of a Jumper

Dive into an immersive environment to learn the job of a Jumper and perform maintenance inside a steam generator safely and efficiently ! Discover our virtual reality application to learn how to sort, characterize and package waste by type in a fun and interactive way!

## THURSDAY

**9H-11H**

### Come and test our Augmented Reality

for a GloveBox from Melox GoMox project.

**11H-11H30**

### Come and discover MANUELA™ VR

Our 3D virtual reality radiological mapping tool that makes the invisible visible!

**11H30-13H**

### Come and test our Augmented Reality

for a GloveBox from Melox GoMox project.

**13H-13H30**

### Come and see the new Toulouse packaging

which will allow you to safely and sustainably condition your waste for safe disposal in the CIREs.

**13H30-14H**

### MoTraP

A new daily reality for radiation protection disciplines.

**14H-15H30**

### Come and test our Augmented Reality

for a GloveBox from Melox GoMox project.

**Visit the innovation totem to discover the latest developments**  
(demonstrations every 30 minutes)



Discover the **TERMAN ARM**

a new generation **heavy-duty long reach**  
telem manipulator on our **Booth J149**.

**Orano**

Join us on our **booths J102 & J149**

Discover our solutions on  
**oranobox.orano.group**



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