



Nuclear  
Energy

## 65th IAEA General Conference

### Digitalization in Support of Planning and Implementation of Nuclear Decommissioning

A Hybrid Event of In-Person and Virtual on WebEx Meeting

**Tuesday, 21 September 2021, 10:30 – 12:00 CEST**

**Conference Room M4, M Building, Ground floor**

[Register here](#)

Picture  
courtesy  
of JAVYS

This event will highlight examples of the practical value of digitalization for advancing decommissioning projects, including 3D simulations, visualization, virtual and augmented reality and similar applications.

The IAEA perspectives on these approaches will be supported by examples of real applications in Member States, in particular by IAEA Collaborating Centres on decommissioning.

#### Scientific Secretaries:

##### **Mr Vladimir MICHAL**

Decommissioning and Environmental  
Remediation Section,  
Division of Nuclear Fuel Cycle and  
Waste Technology, NE

##### **Mr Masahiro YAGI**

Decommissioning and Environmental  
Remediation Section,  
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# Digitalization in Support of Planning and Implementation of Nuclear Decommissioning

Hybrid Event during the 65th IAEA General Conference, Tuesday, 21 September 2021, 10:30 – 12:00 CEST

## Event Programme

### Opening Remarks

#### **Mr Mikhail CHUDAKOV**

IAEA Deputy Director General,  
Head of the IAEA Department of Nuclear Energy

### IAEA considerations and activities on digitalization in support of planning and implementation of nuclear decommissioning

#### **Mr Vladimir MICHAL**

Division of Nuclear Fuel Cycle and  
Waste Technology, NE

#### **Mr Masahiro YAGI**

Division of Nuclear Fuel Cycle and  
Waste Technology, NE

### Practical examples

#### **3D modelling and simulations to facilitate dismantling of different types of power reactors in Italy**

#### **Mr Flaviano BRUNO**

Head of Radioactive Waste & Nuclear Material Sector  
Decommissioning and Radioactive Waste  
Management Company (SOGIN)  
Italy

#### **Advanced data science to support decommissioning and environmental remediation at US Department of Energy sites**

#### **Mr Leo LAGOS**

Director of Research  
Florida International University  
United States of America

#### **Digitalization in support of nuclear decommissioning in Russian Federation**

#### **Ms Daria DAUBARAITE**

Decommissioning Project Manager  
Rosatom / TVEL (in cooperation with MSU and  
Rosatom Technical Academy)  
Russian Federation

#### **WWER reactor primary circuit dismantling at Slovakian V1 NPP using the 3D modelling and simulations**

#### **Mr Tibor KUKAN**

Decommissioning Planning and Strategy Specialist  
Nuclear and Decommissioning Company (JAVYS)  
Slovakia

### Questions and Answers

### Closing Remarks

#### **Mr Christophe XERRI**

Director  
Division of Nuclear Fuel Cycle and  
Waste Technology, NE

