

64th IAEA General Conference

Nuclear Operators' Forum: Sustainability through Innovation

Virtual Side Event during the IAEA 64th General Conference

Tuesday, 22 September 2020, 15:00-17:00 CEST

[Register here](#)

The event will explore how innovation enables nuclear power plant operators to overcome challenges and help ensure nuclear power can deliver its potential in the global transition to sustainable energy systems. Diverse examples of deployed innovations will be shared along with their demonstrated impact and the tangible benefits. The session will explore these successes, examining the approaches, behaviours and related enablers employed to deliver new solutions within an industry not traditionally recognized for innovation.

Scientific Secretary: **Ed BRADLEY**
Division of Nuclear Power
IAEA Department of Nuclear Energy

Facilitator: **Lisa BERTHELOT**
Division of Nuclear Power
IAEA Department of Nuclear Energy

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Event Programme

Welcoming Remarks

Rafael MARIANO GROSSI
Director General
International Atomic Energy Agency (IAEA)

Opening

Mikhail CHUDAKOV
IAEA Deputy Director General
Head of the Department of Nuclear Energy

Introduction

Lisa BERTHELOT
Division of Nuclear Power
IAEA Department of Nuclear Energy

Remote Technologies to Enable Production Continuation

Catherine COTTRELL
Senior Director Product Development
SNC Lavalin, Canada

Innovative Work Management

Chi Sing LEE
First Deputy General Manager
Daya Bay Nuclear Power Operations and Management Co.,
China General Nuclear Power Corporation, China

"Green Sand": System for Treating Hydrazine in Effluents

Cédric AUBERT
Deputy Head of Measurements, Chemistry and Environmental Department
Tricastin NPP, EDF, France

Process Automation Using Machine Learning and Artificial Intelligence

Bradley FOX
Senior Engineer ML/Data Science
Arizona Public Services, USA

Q&A Session

Floating NPP Academic Lomonosov and Q&A

Aleksandr Viktorovich SHUTIKOV
First Deputy CEO for NPP Operation in Russia
Rosenergoatom, Russian Federation

Closing Remarks

Ed BRADLEY
Division of Nuclear Power
IAEA Department of Nuclear Energy