

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DNP) W2-6 Multiple Facets of Nuclear
Science | Les multiples facettes de la science
nucléaire (DPN)***

Wednesday 11 June

14:15

(DNP) W2-6 Multiple Facets of Nuclear Science | Les multiples facettes de la science nucléaire (DPN): Isotopes in Environment | Isotopes dans l'environnement

Session

14:15-14:45

From Theory to Practice: Nuclear Safety in High-Grade Uranium Mines

Speaker

Jason Sadowski

14:45-15:15

Advanced Fission Reactors in Canada

Speaker

Esam Hussein

15:15-15:30

Power System Simulations to Analyze the Flexible Operation of Small Modular Reactor-Based Nuclear Power Plants for Electricity and Energy Applications (Heating and Hydrogen Production)

Speakers

Ms Deepa Upadhyaya Subedi, Prof. Ramakrishna Gokaraju

15:30-15:45

Intermediate-Level Waste Disposal from Small Modular Nuclear Reactors in Saskatchewan

Speaker

Mr S. Hakan Armagan

15:45