

# NUCLEAR SCIENCE WEEK

The Centre of Excellence for Energy and NB Power are excited to present a series of webinars during Nuclear Science Week (NSW). NSW is an international, broadly observed week-long celebration to focus interest on all aspects of nuclear science. Each day provides for learning about the contributions, innovations and opportunities that can be found by exploring nuclear science.

## UPCOMING LIVE WEBINARS

**Canadian Nuclear Safety Commission –  
Canada’s Nuclear Regulator**  
October 18, 2022  
10AM-11AM

In this session, Heather Davis, Thomas Williams, and Sean Belyea from the CNSC will give a presentation on the role the CNSC plays in regulating nuclear sites in Canada

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**Green Experts Panel Discussion**  
October 19, 2022  
12PM-1PM

In this session, join Ann-Lee Vienneau from The Gaia Project as she discusses clean energy with experts from NB Power, ARC Clean Technology and Moltex Energy

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**Space Nuclear**  
October 19, 2022  
2PM-3PM

In this session, Jeff King, from the Colorado School of Mines will discuss nuclear energy’s role in space exploration.

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**Scavenger Hunt and Prizes**

Complete a nuclear-themed online Scavenger Hunt with your class by October 28th to be entered into a draw to win an energy field trip!

[BEGIN NOW](#)

## PRE-RECORDED WEBINARS

Interested in learning more about the important role that nuclear science plays in our society?  
Check out the following recordings:

### What is Nuclear Energy?

In this session, Tom Chapman from Point Lepreau Nuclear Generating Station gives a presentation on nuclear fission and the basics of nuclear reactors.

### Radiation Sciences - Therapeutics in a Hospital Setting

Mary Thompson, Manager of Radiation Oncology, creates and executes a treatment plan for the patient with the use of radiation therapy.

### Small Modular Reactor (SMR) Panel Discussion

In this session, join representatives from Moltex, ARC Clean Technology and NB Power as they discuss small modular reactors and field questions from students.

### Virtual Speaker Series - SMR Non-Technical Careers

In this video, employees of NB Power, ARC Clean Technology and Moltex provide details of their career and how they got into working in nuclear energy.

### Nuclear Engineering at UNB

In this session, Dr. Willy Cook from UNB showcases the nuclear engineering program.

### Virtual Speaker Series - SMR Technical Careers

In this video, employees of NB Power, ARC Clean Technology and Moltex provide details of their career and how they got into working in nuclear energy.

### Using Nuclear Medicine to Diagnose Disease and its Progression

In this session, join Crystal Bevans, NBAMRT Director & Nuclear Medicine Supervisor, in the journey of using nuclear medicine to diagnose disease and its progression.