

Department of Energy & Nuclear Engineering

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Dr. Kirk Atkinson (Associate Professor and UNENE-NSERC Associate IRC; Director, Centre For Small Modular Reactors)



News and announcements

RESEARCH NEWS ARCHIVES CAMPUS LIFE FACULTY MORE TOPICS MEDIA INQUIRIES

HOME / 2024 / FEBRUARY / INTERNATIONAL SURVEY CONTINUES TO RANK ONTARIO TECH AS A TOP-3 ENGINEERING SCHOOL IN ONTARIO

International survey continues to rank Ontario Tech as a Top-3 **Engineering school in Ontario**

ONTARIO TECH PLACES NO. 7 AMONG ALL ENGINEERING PROGRAMS IN CANADA February 15, 2024





Ontario Tech University Engineering students in a Faculty of Engineering and Applied Science machining lab.

Ontario Tech University's consistent strength in Engineering is reinforced again this year in an influential survey of global universities.

Ranked #7 in Canada for engineering

More news

Ontario Tech celebrates renewed international accolade for environmental commitment

Ontario Tech Ridgebacks men's basketball team leaps into national Top-10 rankings for the first time

Smart engineering: Ontario Tech's expertise in real-time software systems research shining on international stage



Success!

Nuclear-related academic programs/degrees



Bachelor's

- Nuclear Engineering, BEng
- Health Physics & Radiation Science, BSc
- Energy Engineering, BEng

Master's

- Nuclear Engineering, MASc
- Nuclear Engineering, MEng Course-based option
- Nuclear Engineering, MEng Graduate Research Project option
- Nuclear Engineering, MEng Industrial Research Project option
- Nuclear Engineering, MEng UNENE administered program

PhD

Nuclear Engineering, PhD

GDips

Developed for industry

- Nuclear Design Engineering
- Nuclear Technology Fuel, Materials and Chemistry
- Nuclear Technology Health Physics
- Nuclear Technology Operation and Maintenance
- Nuclear Technology Radiological Applications
- Nuclear Technology Reactor Systems
- Nuclear Technology Safety, Licensing and Regulatory Affairs
- UNENE Graduate Diploma in Nuclear Engineering





News and announcements

NEWS ARCHIVES CAMPUS LIFE FACULTY RESEARCH MORE TOPICS MEDIA INOUIRIES

HOME / 2024 / JANUARY / ONTARIO TECH'S HIGH SCHOOL STUDENT APPLICATION GROWTH CONTINUES TO SIGNIFICANTLY OUTPACE PROVINCIAL UNIVERSITY SYSTEM

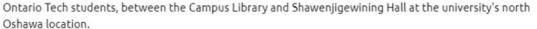
Ontario Tech's high school student application growth continues to significantly outpace provincial university system

OUAC DATA CONFIRMS ONTARIO TECH ESTABLISHES ANOTHER NEW RECORD FOR TOTAL APPLICANT NUMBERS
January 22, 2024

Canada's only accredited undergraduate Nuclear Engineering program is seeing double-digit percentage growth as high schoolers now see good job prospects in nuclear – this will help satisfy the strong workforce demand.

The Health Physics & Radiation Science program is being updated for Fall 2024 to better serve industry needs.







Ontario Tech researcher investigating the opportunities and risks associated with drone swarms

As Ontario Tech celebrates its 20th anniversary, the university has experienced another significant achievement with more Ontario high school students than ever before applying to study at the university.





News and announcements

NEWS ARCHIVES CAMPUS LIFE

FACULTY

RESEARCH

MORE TOPICS

MEDIA INQUIRIES

HOME / 2023 / DECEMBER / TOP MARKS: ONTARIO TECH NAMED CANADA'S RESEARCH UNIVERSITY OF THE YEAR

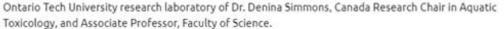
Top marks: Ontario Tech named Canada's Research University of the Year

FOR THE FIRST TIME, RESEARCH INFOSOURCE RANKS ONTARIO TECH'S RESEARCH IMPRINT NO. 1 AMONG THE COUNTRY'S SMALLER, PRIMARILY UNDERGRADUATE UNIVERSITIES

December 7, 2023

More success!





Ontario Tech University's impressive reputational trajectory for top-notch research continues with a fresh distinction as Canada's Research University of the Year for 2023. The accolade comes from Research Infosource (RI), Canada's premier research ranking organization and leading provider of research intelligence for business and higher education.

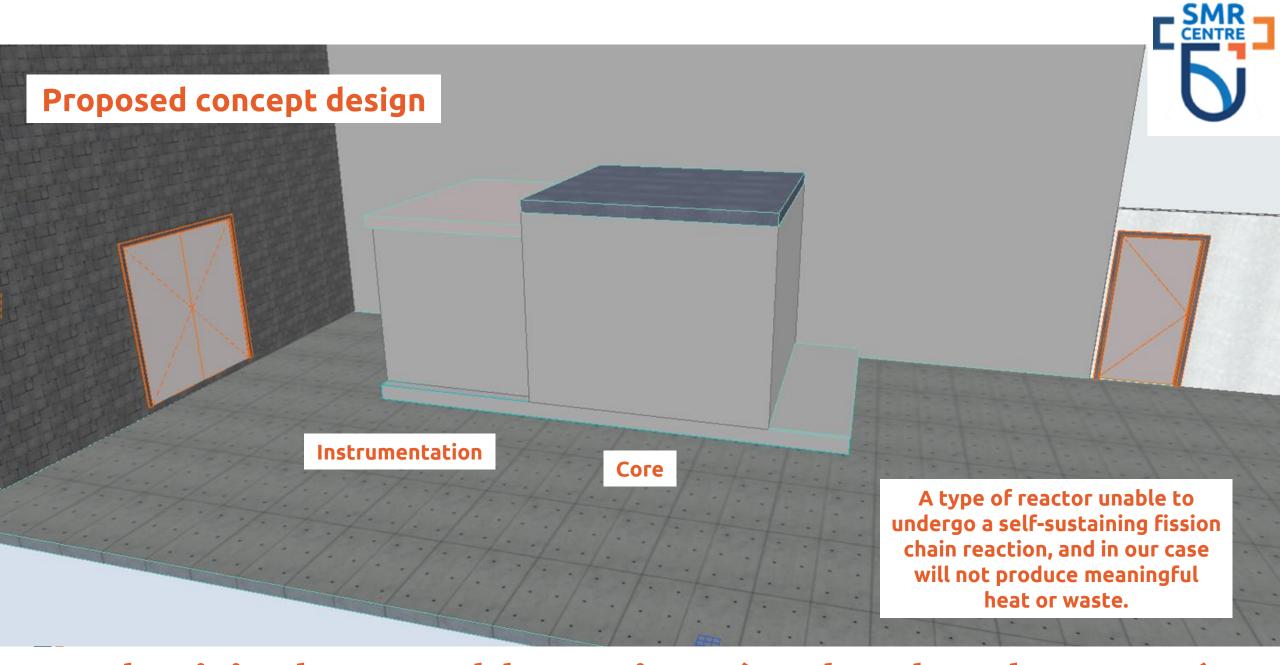


Significant federal funding recently awarded to support SMR deployment in Canada

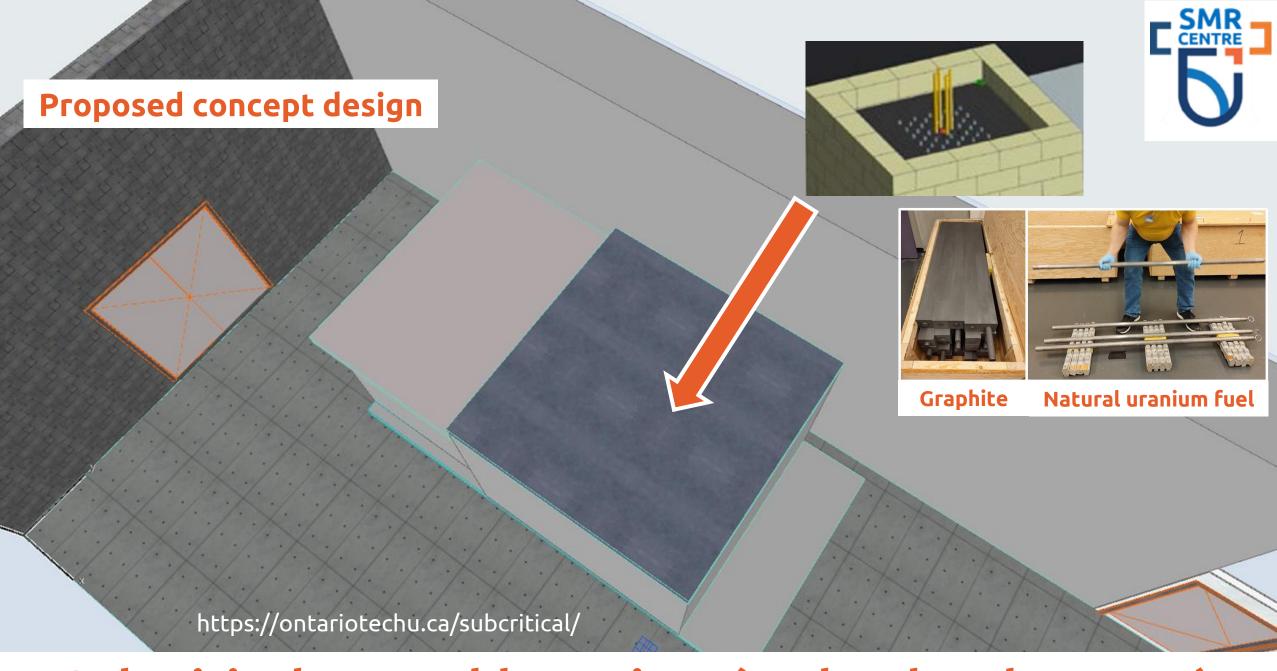




New Research Capabilities



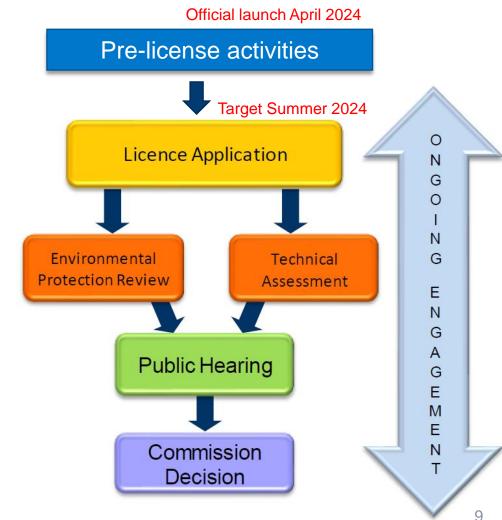
Subcritical Assembly Project (under development)



Subcritical Assembly Project (under development)

Canadian Nuclear Safety Commission - Licensing Process

- Currently in the preliminary planning stage of prelicense activities with many steps ahead.
- An operating license is required from the CNSC to operate the device.
 - In accordance with their graded approach, one license incorporating all necessary aspects of EA, preparing site, construction and operation will be sought.
- Commission will consider our application at a public hearing. Public has opportunity to participate.
- Participation by Indigenous representatives and the public is highly encouraged.





Engagement

Over 100 specific engagements undertaken, so far, for the subcritical assembly project (class 1A licence application)





Point of contact:

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Shape the future of nuclear energy with us!

Ontario Tech University is at the forefront of innovation, elevating nuclear education, training, and research.

Join our global collaboration with industry, communities, academia, and government partners to advance sustainable nuclear technology and ensure universal access to clean energy and advanced medicine.

Partner with us for a cleaner, brighter future!