



CSIP INNOVATION FORUM

Science, technology and innovation policy is essential in shaping our future. Translating the narrative into clear options, strategies and outcomes is necessary, but far from simple.

Thurs., October 20, 2022
12:00 - 1:00 p.m. (CST)

Delivered by Zoom.

[For more information or to register, scan the QR code with your mobile device or click here from your desktop computer.](#)

NUCLEAR 101 & SMALL MODULAR REACTORS: A SHALLOW DIVE INTO NUCLEAR TECHNOLOGY

DR. STEVE LIVINGSTONE, P.ENG. SMALL MODULAR REACTOR SPECIALIST, CROWN ENERGY SECURITY UNIT, CROWN INVESTMENTS CORPORATION OF SASKATCHEWAN

Nuclear power technology is a highly sophisticated and complicated way to boil water. This talk is a conversation that aims to guide the audience through key concepts of nuclear power, to help build an initial understanding of this technology. The talk will touch very briefly on types of SMRs, nuclear physics (don't worry, only one equation), nuclear security, a pop-quiz on radiation dose, a look at spent fuel and a look at nuclear emergency planning zones. Lastly, freshly equipped with this new nuclear knowledge, a quick review of the two SMR types being explored in Saskatchewan will be provided. Thirty to forty minutes isn't enough to make attendees nuclear experts, but hopefully this information inspires questions and more learning and information sharing about nuclear technology.



The Centre for the Study of Science and Innovation Policy (CSIP) invites all students, faculty, researchers, and citizens interested in the study of science, technology and innovation policy to participate in a bi-weekly forum.

www.scienceandinnovationpolicy.ca