

Innovation & Development Commons
Brown Bag Lunch – September 27, 2018
Everyone Welcome!
Learning and Development Centre Room 0505
UHNBC, Prince George
12:15pm – 1:00pm



Nick Chng
Medical Physicist
BC Cancer – Centre for the North

Clinical Applications of AI in Radiation Oncology and Physics

Following the success of machine learning approaches in image classification, there has been renewed interest in applying these and other “AI-like” methods in radiation oncology, physics and radiation therapy. I’ll try to describe how popular algorithms like convolution neural networks (CNNs) and Bayesian networks operate, and how they can help to automate tasks like target contouring and treatment planning. I’ll also discuss some of the new commercial products that are currently available in this domain.

These education sessions are NOW accredited! Physicians are now eligible for Mainpro+ and MOC Section 1 credits. Please ensure to sign in at each session in order for the CME program to provide you with a certificate of attendance.



Teleconference :1 877-385-4099 Passcode: 8353420#
WebEx <https://innovationdevelopment.webex.com>
Meeting Password: brownbag