

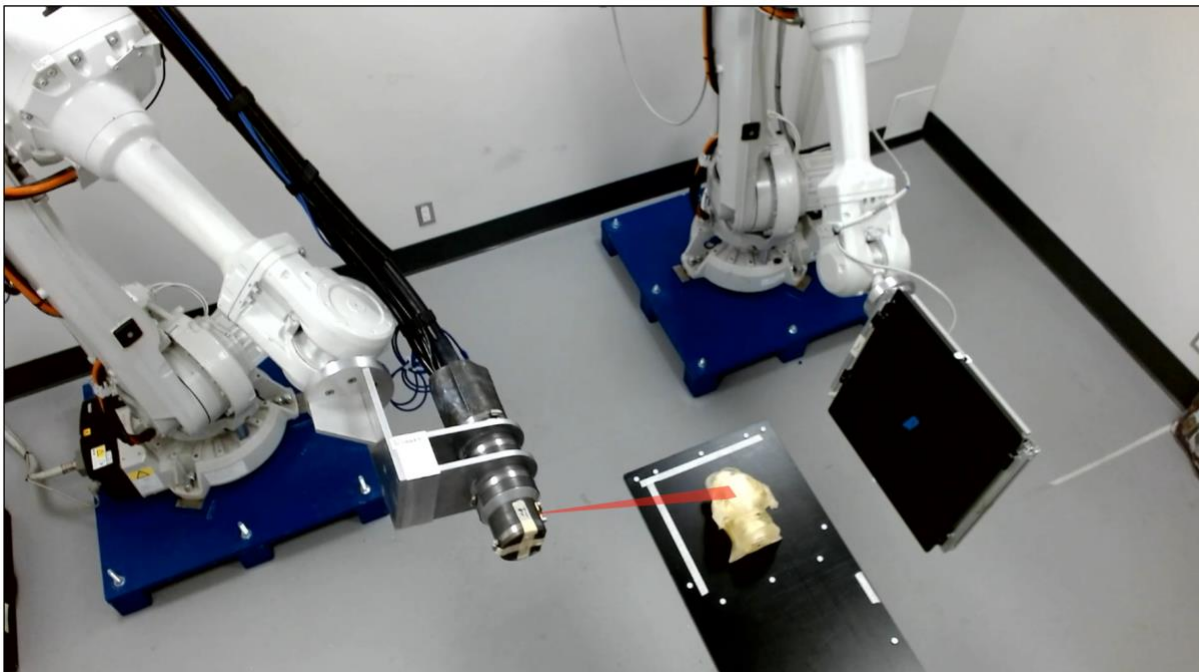


Exciting Opportunities in Robotic Radiotherapy Research

The X-ray Cancer Imaging and Experimental (XCITE) lab (<https://web.uvic.ca/~bazalova>) at the University of Victoria is seeking multiple candidates to enable x-ray tube-based robotic radiotherapy.

We have immediate openings for

- a **medical physics postdoctoral fellow** (one-year position)
- a **computer scientist** (one-year position)
- a **mechanical engineer** (one-year position)
- an **electrical engineer** (six-month position).



You will join a multidisciplinary team dedicated to developing an automated, **robot-based radiotherapy system to treat canine cancer patients**. The main components of the system, the two robots, an x-ray source and a detector, have been installed at the University of Victoria, but many aspects of the project need to be completed. The medical physicist and computer scientists will be primarily in charge of fast dose calculations, contouring, and treatment planning. The mechanical and electrical engineers will be responsible for the development/improvement of our x-ray collimator and treatment couch, and for system integration. We are looking for candidates with PhD or MSc degrees in the relevant field, strong analytical and communication skills, passion for scientific inquiry, creative thinking and appropriate technical experience.

Join us for an exciting research opportunity, collaborate with a fantastic team, and experience life in the stunning city of **Victoria, BC!**

Interested candidates can send their inquiries or apply by providing CV and Motivation Letter to Dr. Bazalova-Carter at bazalova@uvic.ca. The positions will be open until filled.