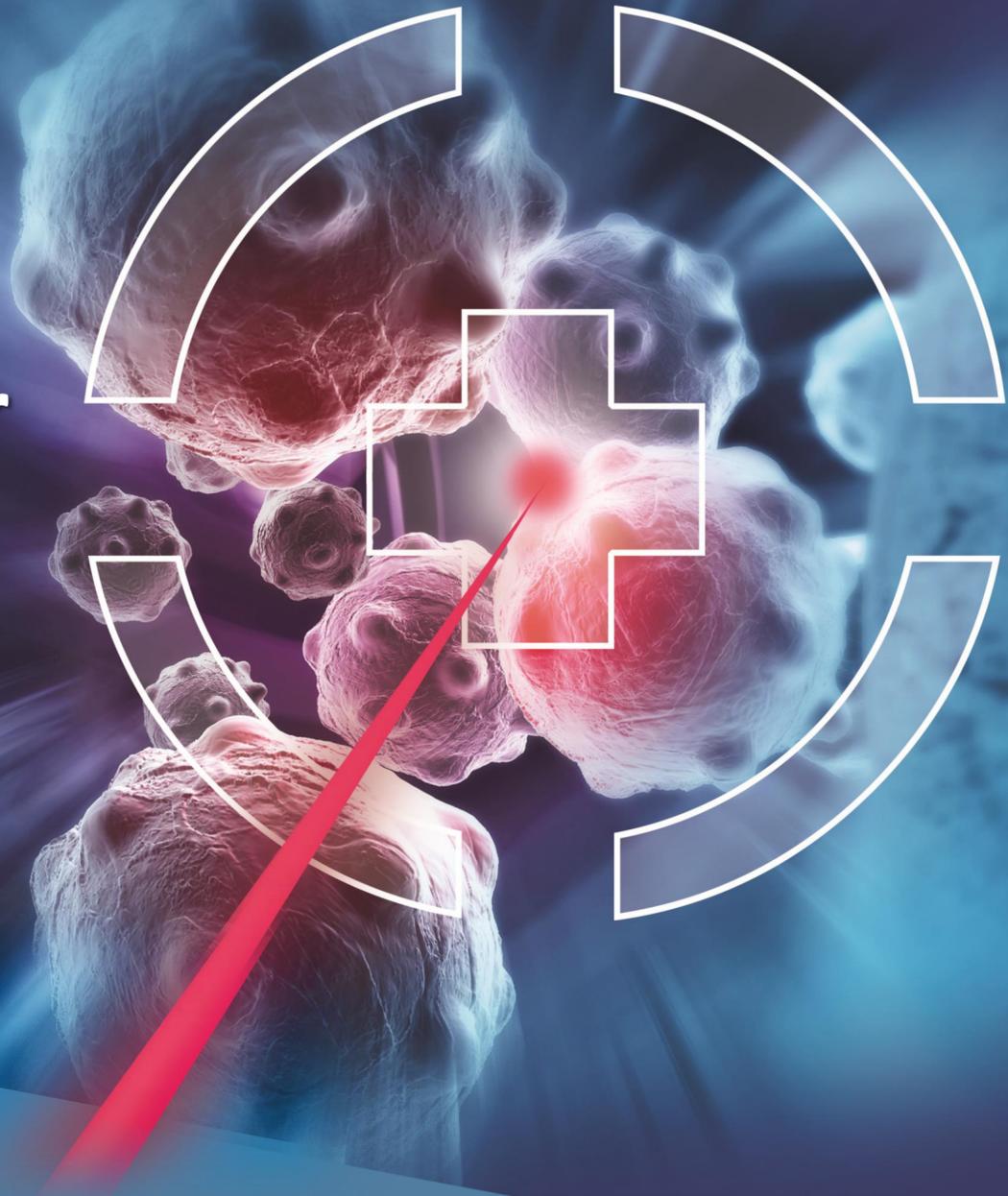




Treating Cancer with Particle Accelerators

Dr Simon Jolly
University College London



Have you ever wondered what connects the Large Hadron Collider to cancer treatment?

Did you know that more than half of the world's particle accelerators are used in cancer treatment and other branches of medicine?

This talk will introduce some of the ways that particle accelerators are used in cancer treatment, from the most common radiotherapy gantries to the more advanced technology needed for proton beam therapy. It will present how we use beams of radiation to treat cancer effectively and why the machines needed for proton beam therapy are so large and complex. It will also offer a sneak peak at the NHS' new proton beam therapy facilities.

Drinks and nibbles will be provided after the talk.

Public Lecture

4th April 2017, 18:00

Muspratt Lecture Theatre
Chadwick Building/University of Liverpool

Registration is free:

<https://indico.cern.ch/event/618645/>

Registration deadline:

24th March 2017

