



Institute of Physics Talks

Accelerators - A gift from Nuclear Physics or what have particle accelerators ever done for us?

7 - 8pm, 13 November 2018, Lecture Theatre G, University of Surrey.

Particle Accelerators were originally created to allow studies of the properties of atomic nuclei. However, even at an early stage, it was evident that they could be used for many other purposes, some of the most prominent being cancer therapy machines and fabrication of everyday electronic devices. They are also used for such diverse purposes as medical imaging, authenticating art objects, dating historical and archaeological artefacts, and much more.

There are now some 30,000 accelerators around the world and Guildford has its share. In this joint talk Annika Lohstroh and Bill Gelletly will first provide a brief introduction to the history, and the types of accelerator that can and have been built. They will then discuss some particular current and future applications and end with the recent development of accelerator systems that produce beams of radioactive nuclei and give examples of their use.



Free event, all welcome.

This event is free to attend and registration is not required just come along. Please contact us in advance if you have any access requirements.



Find out more:

surrey.ac.uk/department-physics/outreach/institute-physics-lectures

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