



SCHOOL OF PHYSICS & ASTRONOMY COLLOQUIUM

POYNTING SMALL LECTURE THEATRE (SO6)
WEDNESDAY 15 NOVEMBER 2017 AT 4.00PM

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High Energy Physics Detector Technologies in Photon Science

Detector systems developed for high energy physics have had a great impact in fields very different from the original field of application. In particular some experiments carried out at synchrotron radiation facilities (photon science) have been revolutionized by detector technologies that were developed for high energy physics.

In this talk I will give a brief introduction to the research carried out in photon science and I will present some detector technologies developed for high energy physics, with an historical perspective, that had a major impact in photon science. In addition I will give some examples of detector developments ongoing at Diamond Light Source, the UK synchrotron radiation facility.