Centre for Doctoral Training in Condensed Matter Physics

CDT-CMP Seminar Series

2.30 pm, Tuesday 17th October 2017

'Nitride LEDs, Nobel prizes & Nano-engineering'

Dr. Philip Shields
(Department of Electronic and Electrical Engineering, Bath)

In this seminar I will introduce the properties that have made the group III nitride semiconductors the most important semiconductor material after silicon, such that the Nobel prize for Physics was awarded to key researchers in the field in 2014. I will then look at the anatomy of a basic blue LED and show how nanostructuring the materials can improve its performance. I will then outline the current research challenges experienced by researchers in the field.

Room 3W 4.1, Bath
Streaming to Bristol Physics 3.29

Refreshments following the seminar at 3.30 pm in Bath.

If you would like to meet with the speaker before or after the seminar, please contact cdt-cmp@bristol.ac.uk

University of BRISTOL

UNIVERSITY OF BATH