

A Research Talk

Beyond expectation
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UNDER PRESSURE. OR, 101 USES FOR DIAMOND (OUTSIDE OF BLING)

DR. JOE WELCH

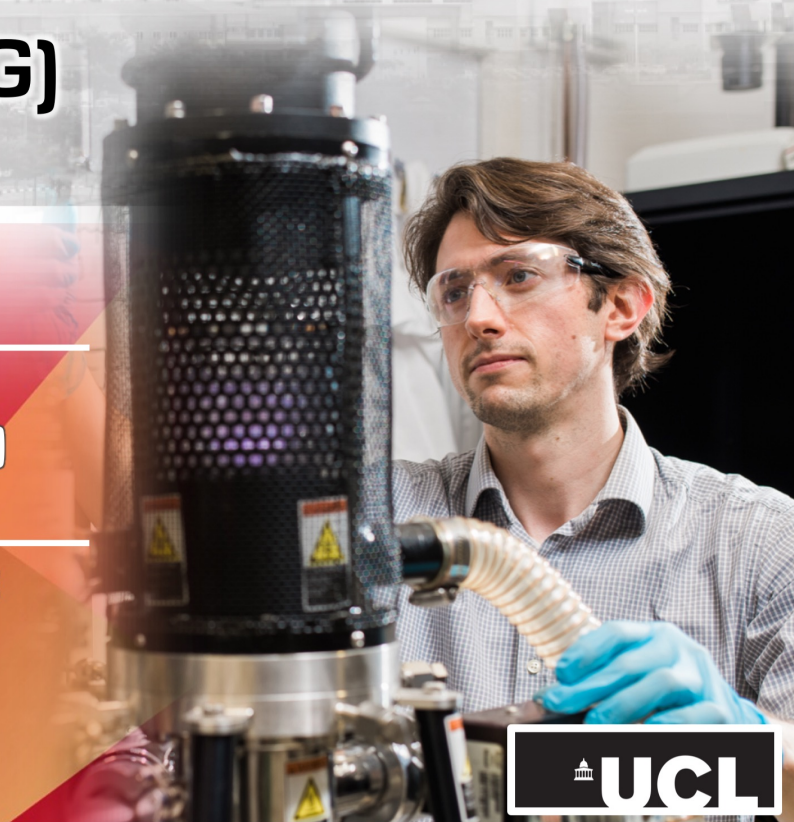
PHD.

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UNIVERSITY COLLEGE LONDON (UCL)
LONDON, ENGLAND



26 JUL 2019 (FRI) | 10:00 AM – 12:00 PM

BILIK SEMINAR SIANTAN

1ST FLOOR, SCHOOL OF MANUFACTURING ENGINEERING
UNIVERSITI MALAYSIA PERLIS (UNIMAP)

ALL ARE
INVITED

ABOUT THE SPEAKER Dr Welch's research focuses on diamond electronics and carbon-based nanotechnology, particularly those that operate in extreme environments. Joe also manages the Diamond Electronics Group laboratory at the London Centre for Nanotechnology within University College London.

ABSTRACT Joe will briefly introduce University College London, and the research capabilities to be found at the London Centre for Nanotechnology. The bulk of the talk will cover the wide range of diamond research underway in the diamond electronics group at UCL; from sensing in extreme environments through to 1-dimensional physics and neuroscience.

Due to the breadth of topics to be covered, this will be a talk aimed at a general scientific audience, although there will be time set aside towards the end for more focused discussions and the potential for collaborative efforts. We will have diamond specialists in the audience who will be able to suggest the potential benefits of utilising diamond's superlative properties in your own research.