

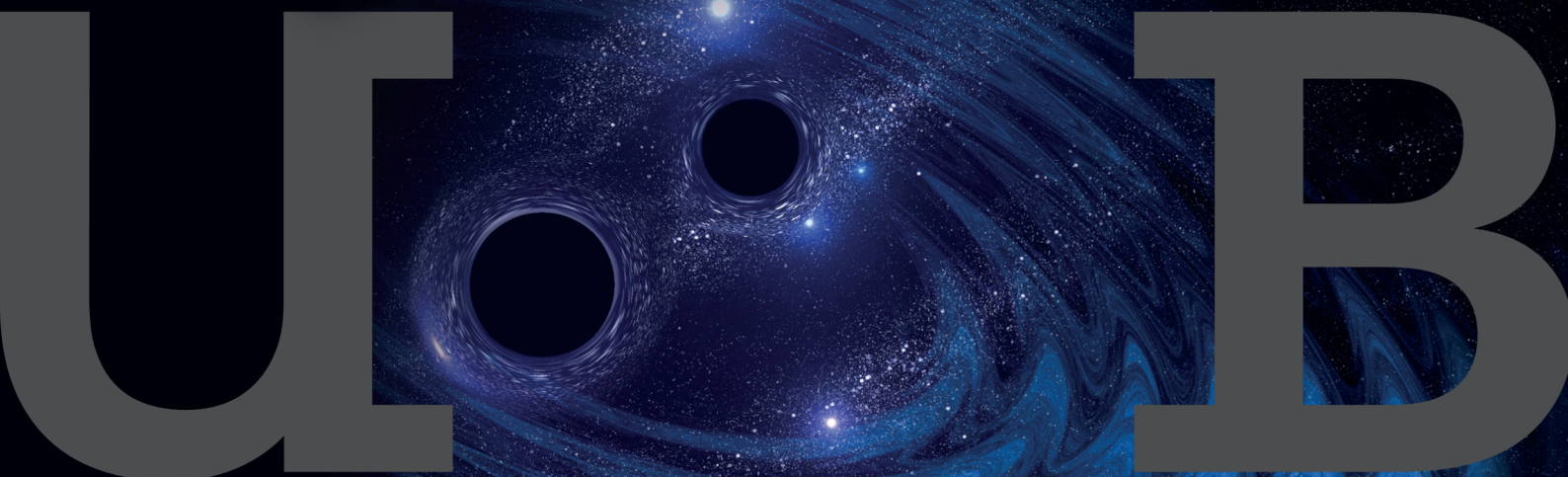
UNIVERSITY OF
BIRMINGHAM



Public Lecture

Gravitational waves— Advances towards detection

Prof. James Hough (University of Glasgow)



The detection of gravitational-wave signals is still one of the most challenging areas of experimental physics. And the reward for success will be considerable in that the information carried by these signals will give us new insight into the hearts of some of the most violent events in the Cosmos—from the formation of black holes to aspects of the evolution of the Universe. A global network of gravitational-wave detectors is now reaching the final stages of construction, with first data expected in 2015. The nature of gravitational waves, how the detectors work, and what the data from the detectors can tell us about the Universe we inhabit, will be discussed.

A free public lecture on gravitational-wave astronomy.

Time: 7.30 pm, Tuesday 21 April 2015

Venue: Large Lecture Theatre, Poynting Building, University of Birmingham, Edgbaston, Birmingham, B15 2TT

Booking: britgrav15.eventbrite.com

Refreshments will be provided.

James Hough is a Research Professor in Natural Philosophy and the emeritus Kelvin Chair of Natural Philosophy at the University of Glasgow.

This event is run as part of BritGrav 15, at the University of Birmingham.

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Classical and
Quantum Gravity

IOP Institute of Physics