



University of Oxford
Department of Physics
Halley Lecture



' Is Dark Matter made of Black Holes?'

Professor Marc Kamionkowski ,

William R. Kenan Jr. Professor - John Hopkins University

Wednesday 8th May 2019 at 5pm

(to be seated by 4.50pm)



Abstract: In February 2016, the Laser Interferometer Gravitational Wave Observatory (LIGO) announced the discovery of the merger of two black holes, each of which weighed around 30 times the mass of the Sun. Shortly thereafter, it was speculated that these black holes might make up the dark matter that has long been known to exist in galaxies (like our own Milky Way). I will review this possibility and explain why the hypothesis may or may not work.

This lecture will be followed by
a Drinks Reception in the
foyer of the Martin Wood

Martin Wood Lecture Theatre
Clarendon Laboratory
Parks Road, Oxford
THIS LECTURE IS OPEN TO THE PUBLIC