

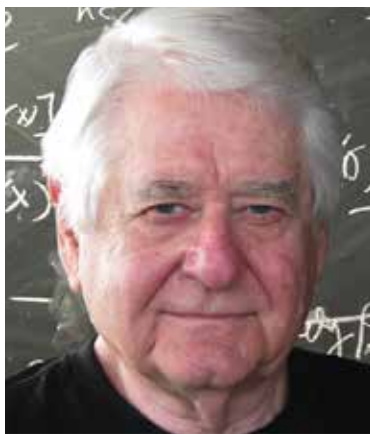
THE DEPARTMENT of PHYSICS & COMPUTER SCIENCE *Presents*

Gravitation, Dark Matter and Energy and Black Holes

featuring
John Moffat

All are welcome
Free Event

FEBRUARY 14 & MARCH 14 | Career Centre, Room CC101 | 2:30 - 3:30 pm



JOHN W. MOFFAT

is a Danish-born British-Canadian physicist. He is currently Professor Emeritus in physics at the University of Toronto and is also an adjunct Professor in physics at the University of Waterloo and a resident affiliate member of the Perimeter Institute for Theoretical Physics.

Moffat will review the present state of gravitation theory, with an emphasis on alternative theories of gravitation. Moffat will also discuss his own modified gravity (MOG) theory which will explain galaxy and cluster dynamics without detectable dark matter. Other topics which will be covered include, standard model of cosmology (Lambda CDM), Einstein's prediction of mysterious black holes and gravitational waves, as well as the dramatic possibility of detecting the event horizon and the silhouette shadow cast by the supermassive black hole at the center of our Milky Way.

For more information on the event, please contact:
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