

School of Physical Sciences Seminar

Speaker: Prof. Serguei Komissarov (School of Mathematics, University of Leeds)

Topic: Electric charge of black holes and the Blandford-Znajek mechanism.

Date: Thursday for this week's seminar (2 Dec @ 1pm)

Venue: Zoom

<https://dcu-ie.zoom.us/j/99145308425?pwd=WjdLUE5xSDBLS3p5Q216UFd3WHkyUT09>

Meeting ID: 991 4530 8425

Passcode: 923541

Abstract: The extraction of rotational energy of black holes via magnetic fields is one of the corner stones in theoretical astrophysics of black holes. In the presentation, I will briefly discuss the basics of this mechanism and then focus on the role played in it by the hole's electric charge.