

Department of Mathematics

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(*Part of MIST 2020*)

Representation Theory Through the Looking-Glass

Dr. Michael McBreen Aarhus University & Harvard University

Abstract

I will discuss what physical dualities such as mirror symmetry and symplectic duality can tell us about representation theory in finite characteristic, and sketch a number of open questions in this direction. I will touch on joint work with R. Bezrukanikov, B. Gammage and B. Webster.

Date: 22 January 2020 (Wednesday)

Time: 2:30pm - 3:30pm

Venue: Room 219, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin