



*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

Affine Slodowy Slices

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The Chinese University of Hong Kong

Abstract

I will describe a family of Hitchin moduli spaces attached to the Riemann sphere with level structures, which play the role of Slodowy slices for homogeneous affine Springer fibers. I will discuss their geometry, potential applications to modular representation theory and enumerative geometry, and a few open questions. Joint with Roman Bezrukavnikov, Pablo Boixeda and Zhiwei Yun.

Date:	September 27, 2022 (Tuesday)
Time:	4:00 – 5:00pm
Venue:	Room 210, Run Run Shaw Bldg., HKU

All are welcome