

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Geometry Seminar

Linked Grassmannians

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Abstract

We introduce a notion of linked Grassmannians as a candidate of degeneration of Grassmannians using convex configurations of homothetic lattice classes. We discuss the geometry of linked Grassmannians and its connection to Brill-Noether theory, especially smoothing of limit linear series. This is joint work with Naizhen Zhang.

Date: April 30, 2026 (Thursday)
Time: 10:30 am – 12:00 noon
Venue: Room 210, Run Run Shaw Building HKU

All are welcome