Department of Mathematics
Hong Kong University of Science and Technology

Algebra & Geometry Seminar

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Introduction to ∞-operads and enriched ∞-categories II

ABSTRACT

In the first talk I will introduce Lurie's definition of ∞-operads, which give a powerful setting for working with homotopy-coherent algebraic structures, where the equations of ordinary algebra are replaced by an infinite hierarchy of coherence equivalences. In the second talk I will explain some ways to make sense of homotopy-coherently enriched categories using this framework.

DATE / TIME

Wed, Oct 28, 2026
04:00 PM

VENUE

Room 5564 (Lifts 27-28), Academic Building
HKUST, Clear Water Bay, Hong Kong
researchseminars.org/talk/HKUST-AG/96

SCAN FOR DETAILS