

BI-CO MATHEMATICS
COLLOQUIUM

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"Doppelgängers"

Monday, October 9, 2017

Talk at 4:00 - H109

Tea at 3:30 - Foyer outside of H109

Abstract:

We say that two partially ordered sets are "doppelgängers" if they happen to have the same number of plane partitions of height k , for any k . We synthesize M. Haiman's rectification, H. Thomas and A. Yong's minuscule K -theoretic Schubert calculus techniques, and a remark made by R. Proctor to give a framework for combinatorial proofs of such poset coincidences. This is joint work with Zachary Hamaker, Rebecca Patrias, and Oliver Pechenik.

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