Seminar/Talk

Log geometric techniques for open invariants in mirror symmetry

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In the first hour we will review the framework of the Gross--Siebert program in mirror symmetry. The basic idea of this program is work with toric degenerations of Calabi--Yau manifolds, and to investigate mirror symmetry around the special fiber of such degenerations, along with some additional combinatorial data associated to it. This data is given in terms of affine geometry and log structures. In the second part of the talk, we will focus our attention on the Tate curve, and explain how to capture certain enumerative invariants of it, by using log structures.

Thursday, December 5, 2019 01:30pm - 03:30pm
Heinzel Seminar Room / Office Bldg West (I21.EG.101)

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