

Front Range Algebra, Geometry and Number Theory Seminar

Open Gromov-Witten invariants of toric Calabi-Yau 3-folds

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Open Gromov-Witten invariants count holomorphic maps from bordered Riemann surfaces to a Kahler manifold with Lagrangian boundary conditions. We will describe some conjectures and results on generating functions of open Gromov-Witten invariants of smooth toric Calabi-Yau 3-folds. This is partly based on joint works with Bohan Fang, Jun Li, Kefeng Liu, and Jian Zhou.

Thursday Apr 14th 2011

3:00-5:00 p.m.

Weber 201