Mathematisches Kolloquium

Am Freitag, dem 23. Mai 2014 spricht um 14.00 Uhr ct im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E2 4)

Professor Dr. Renzo Cavalieri
Colorado State University

über das Thema:

Piecewise linear geometry behind wall crossing phenomena in hurwitz theory

Abstract: It has been observed a while ago that double hurwitz numbers exhibit piecewise polynomial behavior with inductive wall crossing formulae. After an overview of the problem, I want to discuss some of the geometry that explains such phenomena- specifically deriving a tautological intersection theoretic formula for the dhn's (joint with Marcus) and discussing, how tropical geometry witnesses the chamber structure of the boundary behavior in the appropriate moduli spaces of maps (joint with Markwig and Ranganathan)

Der Gast wird von Prof. Dr. Hannah Markwig betreut.

Alle Interessenten sind zum Vortrag herzlich eingeladen.

Kaffee und Tee ab 13.45 Uhr im Konferenzraum der Mathematik   (Erdgeschoss, Raum 1.03)

Die Dozenten der Mathematik