

# Topological mirror symmetry via p-adic integration

*Monday, June 19, 2017 2:30 PM (30 minutes)*

## Abstract

The topological mirror symmetry conjecture of Hausel-Thaddeus predicts an equality of Hodge numbers of certain  $SL_n$  and  $PGL_n$ -Higgs moduli spaces which are known to be mirror partners in the sense of Strominger, Yau and Zaslow. In my talk I will explain how to prove this conjecture by means of p-adic integration along the Hitchin fibration. This is joint work Michael Groechening and Paul Ziegler.

**Presenter:** WYSS, Dimitri (EPF Lausanne/IST Austria)