



Contribution ID: 7

Type: **not specified**

## Quantum D-modules and toric flips

*Tuesday, December 4, 2018 3:30 PM (1 hour)*

In this talk, I will describe how the quantum D-modules of toric orbifolds change under toric birational transformations. The analysis is based on mirror symmetry for toric orbifolds studied in joint work with Coates, Corti and Tseng. I will also discuss how the gamma integral structures are related in some special cases. This suggests a certain functorial relationship of quantum D-modules under birational transformations.

**Presenter:** IRITANI, Hiroshi