

## Workshop on Matrix Factorization and Related Topics, 2016<sup>1</sup>

We have two series of lectures by Tobias Dyckerhoff (Bonn) and Daniel Murfet (Melbourne). We also have related talks by Atsushi Takahashi (Osaka), Andrei Losev (Moscow) and Michael Brown (Bonn). All talks will be given in the following place.

**Venue:** Seminar Room B, Kavli IPMU, Kashiwa Campus, University of Tokyo

### Title:

● **Tobias Dyckerhoff (Hausdorff Center for Mathematics, Bonn)**

*Topological Fukaya categories.*

● **Daniel Murfet (University of Melbourne)**

*Generalized orbifolding of hypersurface singularities.*

● **Atsushi Takahashi (Osaka University)**

*Primitive forms: The past, present, and future.*

● **Andrei Losev (Higher School of Economics)**

1. *K.Saito theory of primitive form versus generalized Hodge theory.*
2. *On tropical mirror symmetry.*

● **Michael Brown (Hausdorff Center for Mathematics, Bonn)**

*Topological K-theory of matrix factorization categories.*

### Schedule:

	10:15 –11:45	13:15 –14:45	15:00-	15:45 –17:15
5 September	∅	Dyckerhoff 1	tea	Murfet 1
6 September	Dyckerhoff 2	Murfet 2	tea	Takahashi
7 September	Dyckerhoff 3	Murfet 3	tea	Losev 1
8 September	Brown	Murfet 4	tea	Losev 2

**Attention: The schedule may change at short notice.**

### Organizers:

Hiroshi Ohta (Nagoya)

Kyoji Saito (IPMU)

Atsushi Takahashi (Osaka)

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