

## Higher Residue Week, 2016<sup>1</sup>

**Date:** 6 June – 10 June 2016

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

**Workshop: 6 June - 7 June**

	6 June	7 June
9:30 –10:45	$\emptyset$	Todor Milanov
11:00 –12:15	Kyoji Saito	Yuuki Shiraishi
12:15 –13:45	lunch	lunch
13:45 –15:00	Hiroshi Ohta	Dmytro Shklyarov
15:00 –15:45	tea	tea
15:45 –17:00	Fumihiko Sanda	Changzheng Li

**Series Lectures: 8 June - 10 June**

8 June, 13:00 - 15:00; 9 June, 13:00 - 15:00; 10 June, **10:00-12:00**

**Dmytro Shklyarov (Technische Universität Chemnitz)**

*An interplay between Hodge theoretic and categorical invariants of singularities*

**Title of Workshop Talk:**

● Kyoji Saito (IPMU)

*Higher residue pairings – an approach from local duality –*

● Hiroshi Ohta (Nagoya)

*Higher residue pairings in Lagrangian Floer theory*

● Fumihiko Sanda (Nagoya)

*Pairings of Hochschild homology of Fukaya categories*

● Todor Milanov (IPMU)

*Eynard–Orantin recursion for simple singularities of type A*

● Yuuki Shiraishi (Kyoto)

*Higher residue pairings and primitive forms for affine cusp polynomials*

● Dmytro Shklyarov (Chemnitz)

*Higher Kapustin-Li traces*

● Changzheng Li (IBS-CGP)

*Analytic construction of higher residue pairing*

**Organizers:**

Hiroshi Ohta (Nagoya)

Kyoji Saito (IPMU)

Atsushi Takahashi (Osaka)

---

<sup>1</sup>Partially supported by JSPS Grant-in-Aid for Scientific Research # 15H02054, 25247004, 16H02146.

Version: 20160507