

Categorical and analytic invariants in Algebraic geometry 1

September 14, 2015.

10:25–10:30	<i>Opening</i>
10:30–11:30	Y. Kawamata, “Multipointed NC deformations and CY3folds”
11:30–11:50	<i>Coffee break</i>
11:50–12:50	A. G. Kuznetsov, “On categorical joins”
12:50–14:00	<i>Lunch break</i>
14:00–15:00	Yu. Toda, “Non-commutative virtual structure sheaves”
15:10–16:10	K. Ueda, “Moduli of relations of quivers”
16:10–16:30	<i>Coffee break</i>
16:30–17:30	T. Logvinenko, “ P -functors”
17:45–19:00	<i>Reception</i>

September 15, 2015.

10:30–11:30	A. I. Efimov, “Homological invariants of DG algebras and generalized degeneration”
11:30–11:50	<i>Coffee break</i>
11:50–12:50	G. Ouchi, “Lagrangian embeddings of cubic fourfolds containing a plane”
13:00–14:00	Ch. Brav, “Calabi–Yau structures on dg categories and shifted symplectic structures on moduli”

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September 16, 2015.

- 10:30–11:30 Sh. Hosono, “Looking geometry from the moduli spaces of CICYs”
11:30–11:50 *Coffee break*
11:50–12:50 A. S. Losev, “From Riemann to Feynman geometry in Feynman approach to QFT”
13:00–14:00 A. Ikeda, “The Calabi–Yau completion for a formal parameter”

September 17, 2015.

- 10:30–11:30 T. Milanov, “Vertex algebras and Gromov–Witten invariants”
11:30–11:50 *Coffee break*
11:50–12:50 Yu. Shiraishi, “On the Frobenius manifold from the Gromov–Witten theory for an orbifold projective line with r orbifold points”
12:50–14:00 *Lunch break*
14:00–15:00 L. Katzarkov, “Categorical Kaehler Metrics”
15:10–16:10 A. Takahashi, “Calabi–Yau dg categories to Frobenius manifolds via primitive forms”
16:10–16:30 *Coffee break*
16:30–17:30 S. Galkin, “Joins and Hadamard products”
19:00–20:00 *Conference dinner*

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September 18, 2015.

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| 10:30–11:30 | I. V. Karzhemanov, “Explicit Dolgachev surfaces and exceptional collections” |
| 11:30–11:50 | <i>Coffee break</i> |
| 11:50–12:50 | H. Uehara, “Exceptional sheaves on the Hirzebruch surface \mathbb{F}_2 ” |
| 12:50–14:00 | <i>Lunch break</i> |
| 14:00–15:00 | Yu. G. Prokhorov, “Degenerations of del Pezzo surfaces in terminal \mathbb{Q} -Gorenstein families” |
| 15:10–16:10 | A. Ishii, “On the special McKay correspondence” |
| 16:10–16:30 | <i>Coffee break</i> |
| 16:30–17:30 | K. Saito, “Skew-growth function for dual Artin monoid” |