

The 41st Symposium on Ring Theory and Representation Theory

September 5(Friday) – 7(Sunday), 2008

September 5 (Friday)

- [09:30 – 10:30] Kenji Nishida (Shinshu University)
Iwasawa algebras, crossed products and filtered rings
- [10:45 – 11:45] Alberto Facchini (Università di Padova)
Geometric regularity of direct-sum decompositions of modules
- [13:15 – 14:00] Osamu Iyama (Nagoya University)
Tilting mutation and its application
- [14:15 – 14:45] Hiroki Miyahara (Shinshu University)
On filtered semi-dualizing bimodules
- [14:55 – 15:15] Yosuke Sakai (University of Tsukuba)
An elementary exact sequence of modules with application to tiled orders
- [15:30 – 15:50] Haruhisa Nakajima (Josai University)
Some remarks on descent of divisor class groups of Krull domains
- [16:00 – 16:30] Tokuji Araya (Nara University of Education)
The number of complete exceptional sequences
- [16:40 – 17:25] Naoya Hiramatsu (Okayama University),
Yuji Yoshino (Okayama University)
Picard groups of additive full subcategories

September 6 (Saturday)

- [09:30 – 10:30] Alberto Facchini (Università di Padova)
Monogeny class, epigeny class, lower part, upper part
- [10:45 – 11:45] Nicole Snashall (University of Leicester)
Hochschild cohomology and support varieties of modules

- [13:15 – 14:00] Hiroshi Nagase (Nara National College of Technology)
Hochschild cohomology of Brauer algebras
- [14:15 – 14:45] Hiroki Abe (University of Tsukuba),
Mitsuo Hoshino (University of Tsukuba)
Derived equivalences for triangular matrix rings
- [14:55 – 15:15] Yasuhiko Takehana (Hakodate National College of Technology)
QF-3' modules relative to torsion theories and others
- [15:30 – 15:50] Hiroaki Komatsu (Okayama Prefectural University)
Left differential operators of modules over rings
- [16:00 – 16:30] Kazunori Nakamoto (University of Yamanashi),
Yasuhiro Omoda (Akashi National College of Technology)
The moduli spaces of non-thick irreducible representations for the free
group of rank 2
- [16:40 – 17:25] Michihisa Wakui (Kansai University)
Polynomial invariants of representation categories of semisimple and
cosemisimple Hopf algebras

September 7 (Sunday)

- [09:30 – 10:30] Nicole Snashall (University of Leicester)
Representation theory and the structure of the Hochschild cohomology
ring modulo nilpotence
- [10:45 – 11:15] Katsushi Waki (Yamagata University)
About decomposition numbers of J_4
- [11:25 – 11:55] Kaoru Motose (Hirosaki)
Notes on the Feit-Thompson conjecture