

The 49th Symposium on Ring Theory and Representation Theory (2016)

Program

August 31 (Wednesday)

9:00–9:30 Kazuho Ozeki (Yamaguchi University)

The structure of the Sally module of integrally closed ideals

9:30–10:00 Taro Sakurai (Chiba University)

A generalization of dual symmetry and reciprocity for symmetric algebras

10:15–10:45 Noritsugu Kameyama (Salesian Polytechnic)

Mitsuo Hoshino (University of Tsukuba)

Hiroataka Koga (Tokyo Denki University)

On modules of infinite reduced grade

10:45–11:15 Naoya Hiramatsu (National Institute of Technology, Kure College)

On the relations for Grothendieck groups of Cohen-Macaulay modules over Gorenstein rings

11:30–12:20 Jan Stovicek (Charles University in Prague)

Representations of quivers and Grothendieck derivators I

13:50–14:20 Kunio Yamagata

Canonical bimodules of Morita algebras

14:20–14:50 Jung Wook Lim (Kyungpook National University)

The Krull dimension of power series rings

15:05–15:35 Gangyong Lee (Sungkyunkwan University)

Tariq Rizvi (The Ohio State University)

New results on piecewise prime rings

15:50–16:40 Yasuaki Hiraoka (Tohoku University)

Topological data analysis and quiver representation I

16:55–17:45 Hiraku Nakajima (Kyoto University)

Introduction to quiver varieties I

September 1 (Thursday)

9:00–9:30 Yoshihiro Otokita (Chiba University)

On Loewy lengths of centers of blocks

9:30–10:00 Michio Yoshiwaki (Shizuoka University/Osaka City University)

Hideto Asashiba (Shizuoka University)

Ken Nakashima (Shizuoka University)

Decomposition theory of modules: the case of Kronecker algebra

10:15–10:45 Yusuke Nakajima (Nagoya University)

Mutations of splitting maximal modifying modules arising from dimer models

10:45–11:15 Aaron Chan (Nagoya University, Uppsala University)

On gendo-Brauer tree algebras

11:30–12:20 Hiraku Nakajima (Kyoto University)

Introduction to quiver varieties II

13:50–14:20 Izuru Mori (Shizuoka University)

m-Koszul AS-regular algebras and superpotentials

14:20–14:50 Ayako Itaba (Shizuoka University)

3-dimensional quadratic Artin-Schelter regular algebras and superpotentials

15:05–15:35 Kenta Ueyama (Hirosaki University)

3-dimensional cubic Calabi-Yau algebras and superpotentials

15:50–16:40 Yasuaki Hiraoka (Tohoku University)

Topological data analysis and quiver representation II

16:55–17:45 Helmut Lenzing (Universität Paderborn)

A spectral analysis of Nakayama algebras

September 2 (Friday)

9:00–9:30 Tomohiro Itagaki (Tokyo University of Science)

On the Hochschild (co)homology of a monomial algebra given by a cyclic quiver and two zero-relations

9:30–10:00 Yuta Kimura (Nagoya University)

Tilting and cluster tilting associated with reduced expressions in Coxeter groups

10:15–10:45 Yingying Zhang (Nanjing University, Nagoya University)

On mutation of τ -tilting modules

10:45–11:15 Takahide Adachi (Nagoya University)

t-structures and silting objects

11:30–12:20 Jan Stovicek (Charles University in Prague)

Representations of quivers and Grothendieck derivators II

13:50–14:20 Hiroyuki Minamoto (Osaka Prefecture University)

Ringel duality and recollements

14:20–14:50 Osamu Iyama (Nagoya University)

Quasi-hereditary rings and non-commutative resolutions

15:05–15:35 Ryo Kanda (Osaka University)

Extension groups between atoms and classification of localizing subcategories

15:35–16:05 Hiroki Matsui (Nagoya University)

Classifying dense subcategories of exact categories via Grothendieck groups

16:20–16:50 Ryo Ohkawa (Kyoto University)

Wall-crossing between stable and co-stable ADHM data

17:00–17:50 Helmut Lenzing (Universität Paderborn)

Weighted projective lines and Riemann surfaces

18:30– Conference dinner

September 3 (Saturday)

9:00–9:30 Ryoichi Kase (Nara Women's University)

Takuma Aihara (Tokyo Gakugei University)

Algebras sharing the same poset of support τ -tilting modules with tree quiver algebras

9:30–10:00 Hideto Asashiba (Shizuoka University)

Derived equivalences and smash products

10:15–10:45 Laurent Demonet (Nagoya University)

Algebras of partial triangulations

10:45–11:15 Tsutomu Nakamura (Okayama University)

Local duality principle and Grothendieck's vanishing theorem

11:30–12:00 Sota Asai (Nagoya University)

Bricks and 2-term simple-minded collections