

**Sunday September 25**

**8:40–9:30** Dan Zacharia (Syracuse University)

On modules of finite complexity over selfinjective algebras I

**9:40–10:30** Dong Yang

On derived simple algebras

**10:50–11:40** Yoshihisa Saito (University of Tokyo)

Preprojective algebras and crystal bases of quantum groups I

**13:00–13:40**

Room 21 Hiroki Abe (University of Tsukuba)

Tilting modules arising from two-term tilting complexes

Room 24 Erik Darpö (Nagoya University)

The representation rings of the dihedral 2-groups

**13:50–14:30**

Room 21 Yuya Mizuno (Nagoya University)

APR tilting modules and quiver mutations

Room 24 Daiki Obara (Tokyo University of Science)

Hochschild cohomology of quiver algebras defined by two cycles and a quantum-like relation

**14:50–15:30**

Room 21 Joseph Grant (Nagoya University)

Derived autoequivalences and braid relations

Room 24 Takahiko Furuya, Takao Hayami (Tokyo University of Science, Hokkai-Gakuen University)

Hochschild cohomology of cluster-tilted algebras of types  $A_n$  and  $D_n$

**15:40–16:20**

Room 21 Martin Herschend (Nagoya University)

$n$ -representation infinite algebras

Room 24 Takeshi Yoshizawa (Okayama University)

Subcategories of extension modules related to Serre subcategories

**16:40–17:30** Yuji Yoshino (Okayama University)

Introduction to representations of Cohen-Macaulay modules and their degenerations I

**17:40–18:30** Jay A. Wood (Western Michigan University)

Applications of finite Frobenius rings to algebraic coding theory I

**Monday September 26**

**8:40–9:30** Dan Zacharia (Syracuse University)

On modules of finite complexity over selfinjective algebras II

**9:40–10:30** Dong Yang

Recollements generated by idempotents

**10:50–11:40** Yoshihisa Saito (University of Tokyo)

Preprojective algebras and crystal bases of quantum groups II

**13:00–13:40**

Room 21 Yasuhiko Takehana (Hakodate National College of Technology)

A generalization of costable torsion theory

Room 24 Hiroyuki Minamoto (Kyoto University)

A note on dimension of triangulated categories

**13:50–14:30**

Room 21 Mayumi Kimura, Hideto Asashiba (Shizuoka University)

Quiver presentations of Grothendieck constructions

Room 24 Takuma Aihara, Ryo Takahashi (Chiba University, Shinshu University)

Dimensions of derived categories

**14:50–15:30**

Room 21 Kenta Ueyama (Shizuoka University)

Graded Frobenius algebras and quantum Beilinson algebras

Room 24 Hiroataka Koga, Mitsuo Hoshino (University of Tsukuba)

Weak Gorenstein dimension for modules and Gorenstein algebras

**15:40–16:20**

Room 21 Matsuoka Manabu (Yokkaichi Highschool)

Polycyclic codes and sequential codes

Room 24 Naoya Hiramatsu (Kure National College of Technology)

On a degeneration problem for Cohen-Macaulay modules

**16:40–17:30** Yuji Yoshino (Okayama University)

Introduction to representations of Cohen-Macaulay modules and their degenerations II

**17:40–18:30** Jay A. Wood (Western Michigan University)

Applications of finite Frobenius rings to algebraic coding theory II

**19:00–** Conference dinner

**Tuesday September 27**

**8:40–9:30** Atsushi Takahashi (Osaka University)

Matrix Factorizations, Orbifold Curves And Mirror Symmetry

**9:40–10:30** Hyohe Miyachi (Nagoya University)

Hidden Hecke Algebras and Koszul Duality

**10:50–11:30**

Room 21 Kota Yamaura (Nagoya University)

Tilting theory for stable graded module categories over graded self-injective algebras

Room 24 Nakashima Norihiro (Hokkaido University)

The Noetherian properties of the rings of differential operators on central 2-arrangements

**12:50–13:30**

Room 21 Hiroshi Nagase, Nagura, Makoto (Tokyo Gakugei University, Nara National College of Technology)

Hom-orthogonal partial tilting modules for Dynkin quivers

Room 24 Ryota Okazaki, Kohji Yanagawa (Osaka University, Kansai University)

Alternative polarizations of Borel fixed ideals and Eliahou-Kervaire type resolution

**13:40–14:20**

Room 21 Laurent Demonet (Nagoya University)

Categorification of cluster algebra structures of coordinate rings of simple Lie groups

Room 24 Kazunori Matsuda (Nagoya University)

Weakly closed graph

**14:40–15:20**

Room 21 Yoshiyuki Kimura (Kyoto University)

Quantum unipotent subgroup and dual canonical basis

Room 24 Kazuho Ozeki (Meiji University)

Sharp bounds for Hilbert coefficients of parameters

**15:30–16:20** Kaoru Motose

The Example by Stephens