15th Workshop on Representation theory of Algebraic groups and Quantum groups

Date: May 19th (Sat) – May 22th (Tue), 2012
Place: Azeiria,
2471-79 Ohaza Ageya, Nagano city, Nagano, Japan.
Tel : 026-239-2522,
URL: http://www.azeiria.com/

Program

May 19th (Sat)

16:00 - 17:00 Yasuyoshi Yonezawa (Nagoya Univ.)
Bar-Natan's link homology of type A_n, matrix factorization
and Soergel bimodule

17:15 - 18:15 Gustavo Jasso   Nagoya Univ.)
Cluster-tilted algebras of canonical type and quivers with potentials

May 20th (Sun)

10:00 - 11:00 Hideaki Hosaka (University of Tokyo)
Representation theory of wreath products

11:15 - 12:15 Masaki Mori (University of Tokyo)
Super cellular algebras

14:00 - 15:00 Yoshihisa Saito (University of Tokyo)
Toward Berenstein-Zelevinsky data in affine type A

15:30 - 16:30 Kohei Yahiro (University of Tokyo)
Weight modules of rational Cherednik algebras

16:45 - 17:45 Ming Fang (Chinese Academy of Sciences/Osaka Univ.)
Doty coalgebras and dominant dimension of Schur algebras

May 21th (Mon)

10:00 - 11:00 Masahide Konishi (Nagoya Univ.)
Khovanov-Lauda-Rouquier quotients correspond to Hecke algebras of
A type.

11:15 - 12:15 Shunsuke Tsuchioka (Kavli IPMU)
Graded Cartan determinants of the symmetric groups

14:00 - 15:00 Kazuto Iijima (Nagoya Univ.)
On a higher level extension of Leclerc-Thibon product theorem
in q-deformed Fock spaces

15:30 - 16:30 Laurent Demonet (Nagoya Univ.)
Categorification of cluster algebra structures of coordinate rings of
nilpotent cells of Lie groups

16:45 - 17:45 Susumu Ariki (Osaka Univ.)
Constructing a q.h. cover of a cellular algebra

May 22th (Tue)
9:30 - 10:30 Katsuyuki Naoi (Kavli IPMU)
Classical limits of minimal affinizations and generalized Demazure modules

10:45 - 11:45 Hiroyuki Yamane (Osaka Univ)
Affine quantum superlagebras and Mathematica

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Organizers : Kentaro Wada (Shinshu Univ.),
Hyohe Miyachi (Osaka city Univ.)