Infinite Analysis

March 22nd (Fri)

9:30–11:45

1	Kanehisa Takasaki (Kyoto Univ.) ♯	Melting crystal model and Ablowitz–Ladik hierarchy	15
2	Hajime Nagoya (Kobe Univ.) ♯	From Gauss to quantum Painlevé	20
3	Shin Isojima (Hosei Univ.) ♯ Junkichi Satsuma (Aoyama Gakuin Univ.) Tetsuji Tokihiro (Univ. of Tokyo)	Ultradiscrete Ai function with parity variables and the number of restricted partitions	15
4	Gen Kuroki (Tohoku Univ.) ♯	Quantized birational action of the product $\widetilde{W}(A_{m-1}^{(1)}) \times \widetilde{W}(A_{n-1}^{(1)})$ of the extended affine Weyl groups for coprime m, n	20
5	Yoko Shigyo (Tsuda Coll.) ♯	On addition formulae of BKP hierarchy	15
6	Tetsu Masuda (Aoyama Gakuin Univ.) ♯	A q-analogue of Sasano systems	15
7	Takao Suzuki (Kinki Univ.) ♯	6-dimensional Painlevé equations and their particular solutions in terms of rigid equations	20
8	Yusuke Ikawa (Kobe Univ.) ♯	Hypergeometric solutions for the q-Painlevé equation of type $E_6^{(1)}$ by Padé method	15

14:15–15:35

9	Junichi Shiraishi (Univ. of Tokyo) ♯	A conjecture about Macdonald polynomials of type B_2	15
10	Masato Okado (Osaka Univ.) ♯ Atsuo Kuniba (Univ. of Tokyo)	Quantum coordinate ring and 3D reflection equation	20
11	Katsuyuki Naoi (Univ. of Tokyo) ♯	Graded limits of minimal affinizations over a quantum loop algebra	15
12	Yosuke Saito (Tohoku Univ.) ♯	Elliptic Ding–Iohara algebra and the free field realization of the elliptic Macdonald operator	15
13	Yosuke Saito (Tohoku Univ.) ♯	Elliptic q-Virasoro algebra and its free field realization	15

15:45–16:45 Talk invited by Infinite Analysis Special Session

Zengo Tsuboi (Humboldt-Univ. zu Berlin) ♯	Baxter Q-operators and tau-function for quantum integrable systems	

March 23rd (Sat)

9:45–11:40

14	Diogo Kendy Matsumoto (Waseda Univ.) ♯ Youichi Shibukawa (Hokkaido Univ.)	Idempotent dynamical braiding maps and dynamical semigroups with left unit	15
15	Choon-Lin Ho (Tamkang Univ.) ♯ Ryu Sasaki (Kyoto Univ.) Kouichi Takemura (Chuo Univ.)	Confluence of apparent singularities in multi-indexed orthogonal polynomials: the Jacobi case	15

Created: 2012/12/24 13:34

16	Genki Shibukawa (Kyushu Univ.) ♯	Operator orderings and Meixner–Pollaczek polynomials	15
17	Yoshiaki Goto (Hokkaido Univ.) ♯	Twisted period relation for Lauricella's F_C	15
18	Kohei Motegi ♯ (Okayama Inst. for Quant. Phy.) Kazumitsu Sakai (Univ. of Tokyo) Jun Sato (Ochanomizu Univ.)	Quantum inverse scattering approach to the totally asymmetric simple exclusion process	15
19	Shu Oi (Rikkyo Univ.) ♯ Kimio Ueno (Waseda Univ.)	The Riemann–Hilbert problem and the connection problem of the KZ equation	20
20	Shu Oi (Rikkyo Univ.) ♯ Kimio Ueno (Waseda Univ.)	The hexagon relations for dilogarithms and the Riemann–Hilbert problem	20

14:30–15:30 Talk invited by Infinite Analysis Special Session

Kentaro Nagao (Nagoya Univ.) Quivers with potential, 3d Calabi–Yau categories and the cohomological Hall algebras