

Kobe Workshop

on

Integrable systems and Painlevé systems

Department of Mathematics, Kobe University

November, 23 (Wed) – 25 (Fri), 2005

	Nov. 23 (Wed.)	Nov. 24 (Thurs.)	Nov. 25 (Fri.)
9:30–10:30	no talk	Takei	Takasaki
10:45–11:45	van der Put	van der Put	Tokihiko
13:20–14:10	Haraoka	Casale	Takagi
14:20–15:10	Iwasaki	Morikawa	Sakai
15:40–16:30	Murata	Kajiwara	Masuda–Tsuda
16:40–17:30	Fuji-T.Suzuki	Takenawa	Raimundas Vidunas

- November 23, (Wednesday), Lecture Room, FS, Z-201
 - 9:30–10:30, *Registration.*
 - 10:40–11:45, Marius van der Put (Groningen), *Moduli spaces for linear differential equations.*
 - 13:20–14:10, Yoshishige Haraoka (Kumamoto), *Middle convolution functor and deformation equations.*
 - 14:20–15:10, Katsunori Iwasaki (Kyushu), *Poincaré sections of the sixth Painlevé dynamics.*
 - 15:40–16:30, Mikio Murata (Tokyo), *The sixth Painlevé equation as similarity reductions of two-component soliton system.*
 - 16:40–17:30, Kenta Fuji and Takao Suzuki (Kobe), *The sixth Painlevé equation arising from a $D_4^{(1)}$ hierarchy by similarity reduction.*

- November 24, (Thursday), Lecture Room, NS1 building, 2nd floor
 - 9:30–10:30, Saburo Takei (Rikkyo), *From multi-component KP hierarchy to Schlesinger system and its q -analogue.*
 - 10:40–11:45, Marius van der Put (Groningen), *Classification and moduli for linear q -difference equations.*
 - 13:20–14:10, Guy Casale (Tokyo), *On Drach conjecture.*
 - 14:20–15:10, Shuji Morikawa (Nagoya), *General differential and difference Galois theory.*

- 15:40–16:30, Kenji Kajiwara (Kyushu), *Generating functions associated with Hankel determinant formula for the solutions of Painlevé and Toda equations.*
 - 16:40–17:30, Tomoyuki Takenawa (Tokyo Kaiyou), *Weyl group and the configuration space of points on an elliptic curve in $\mathbf{P}^n(\mathbf{C})$.*
- November 25, (Friday), Lecture Room, FS, Z-201
- 9:30–10:30, Kanehisa Takasaki (Kyoto), *Hamiltonian structure of higher flows in string equation.*
 - 10:40–11:45, Tetsuji Tokihiro (Tokyo), *Fundamental Cycle of Periodic Box-Ball System.*
 - 13:20–14:10, Taichiro Takagi (NDAJ), *Integrable cellular automata and a bijection between paths and rigged configurations.*
 - 14:20–15:10, Hidetaka Sakai (Tokyo), *Lax pair of q -Painlevé equation associated to $A_2^{(1)}$ -surface.*
 - 15:40–16:30, Tetsu Masuda and Teruhisa Tsuda (Kobe), *On special solutions to the q -Painlevé equation of type $E_7^{(1)}$.*
 - 16:40–17:30, Raimundas Vidunas (Kyushu), *Quadratic Transformations of the Sixth Painlevé Equation.*

Please send inquiries to:

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Organizers

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※ 23日は祝日の為、学内の食堂がご利用になれません。
各自昼食のご用意をお願い致します。