

Kobe-Leuven workshop on
Geometry and Integrable Systems

July 7 - 9, 2014

Department of Computer Science, KU Leuven, Belgium

PROGRAM

	July 7 (Mon)	July 8 (Tue)	July 9 (Wed)
10:00–11:00	Rossmann	Saito	Noumi
11:00–12:00	Yoshioka	Sabbah	Van Assche
Lunch	—	—	
14:00–15:00	Vrancken	Budur	
15:00–16:00	Fine	Mitsui	
Coffee break	—	—	
16:30–17:30	Iohara	Komyo	

★ July 7, (Monday)

- 10:00–11:00 : Wayne ROSSMAN (Kobe University)
Linear Weingarten surfaces, isothermicity and Lie sphere geometry
- 11:00–12:00 : Kota YOSHIOKA (Kobe University)
Cone of divisors of a generalized Kummer variety
- Lunch–
- 14:00–15:00 : Luc VRANCKEN (KU Leuven / Université Valenciennes)
Flat almost complex surfaces in the nearly Kähler $S^3 \times S^3$
- 15:00–16:00 : Joel FINE (Université Libre de Bruxelles)
Circle invariant definite connections and symplectic Fano six-manifolds
- Coffee Break–
- 16:30–17:30 : Kenji IOHARA (Université de Lyon)
 $\mathbb{Z}^n$ -graded Lie algebras: examples and their representations

★ July 8, (Tuesday)

- 10:00–11:00 : Masa-Hiko SAITO (Kobe University)
Geometry of Riemann-Hilbert correspondences and Painlevé type equations
- 11:00–12:00 : Claude SABBAH (École Polytechnique)
Computation of Fourier-Laplace transform of Stokes data
- Lunch–
- 14:00–15:00 : Nero BUDUR (KU Leuven)
Bernstein-Sato identities
- 15:00–16:00 : Kentaro MITSUI (Kobe University)
Unit group, value group, and torsors of an abelian variety
- Coffee Break–
- 16:30–17:30 : Arata KOMYO (Kobe University)
On the types of the mixed Hodge structures of character varieties

★ July 9, (Wednesday)

- 10:00–11:00 : Masatoshi NOUMI (Kobe University)
Elliptic difference Painlevé equation
- 11:00–12:00 : Walter VAN ASSCHE (KU Leuven)
Orthogonal polynomials and Painlevé equations

Organizers

Walter VAN ASSCHE (KU Leuven)
Masatoshi NOUMI (Kobe University)
Masa-Hiko SAITO (Kobe University)

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