

GEOMETRY & INTEGRABLE SYSTEMS

A Franco-Japanese conference

Institut de Mathématiques de Bourgogne

Dijon, France

April 29 – May 3, 2019

Program

Monday, April 29

9:00 – 9:30	Registration	
9:30 – 10:00	V.B. Matveev	<i>In memoriam Boris Dubrovin</i>
10:00 – 11:00	K. Saito	<i>Integrable hierarchy associated with primitive forms without higher residue structure</i>
	Coffee break	
11:30 – 12:30	M. Jimbo	<i>Deforming integrals of motion via quantum toroidal algebras</i>
	Lunch	
14:30 – 15:30	G. Carlet	<i>An infinite-dimensional Frobenius manifold structure on the space of simple analytic curves in the complex plane</i>
	Coffee break	
16:00 – 17:00	M.-H. Saito	<i>Moduli spaces of parabolic Higgs bundles and parabolic connections on curves and integrable systems</i>

Tuesday, April 30

9:00 – 10:00	G. Felder	<i>Representation homology and supersymmetric gauge theory</i>
	Coffee break	
10:30 – 11:30	M. Yamazaki	<i>Tau-function for Lens-Elliptic Discrete Painlevé Equation</i>
11:30 – 12:30	F. Loray	<i>Neighborhoods of elliptic curves in complex surfaces</i>
	Lunch	
14:30 – 15:30	Y. Soibelman	<i>Quantization of symplectic surfaces and periodic monopoles</i>
	Coffee break	
16:00 – 17:00	T. Mochizuki	<i>Kobayashi-Hitchin correspondences for periodic monopoles</i>

Wednesday, May 1st

National Holiday — A tour will be organized.

Thursday, May 2

9:00 – 10:00	P. Boalch	<i>TQFT approach to meromorphic connections on curves</i>
	<i>Coffee break</i>	
10:30 – 11:30	S. Szabó	<i>Perversity equals weight for Painlevé spaces</i>
11:30 – 12:30	O. Lisovvy	<i>Tau functions, Fredholm determinants and combinatorics</i>
	<i>Lunch</i>	
14:30 – 15:30	C. Schweigert	<i>Bulk Fields in Conformal Field Theory</i>
	<i>Coffee break</i>	
16:00 – 17:00	P. Schauenburg	<i>The prime factors of a modular category</i>

Friday, May 3

9:00 – 10:00	M. Semenov-Tian-Shansky	<i>Scattering on Riemannian symmetric spaces and Huygens principle</i>
	<i>Coffee break</i>	
10:30 – 11:30	L. Paris	<i>Artin groups, symmetries, and linear representations</i>
11:30 – 12:30	Y. Saito	<i>Elliptic Artin Groups</i>
	<i>Lunch</i>	
	<i>Closing</i>	