

W o r k s h o p

Local fields, algebraic geometry, generalized *KP*-hierarchy

June 2–7, 2005

(Org.: H. Kurke, A. Parshin)

This Workshop is an Intensive Course funded by the
International Graduate College "Arithmetic and Geometry"

Thursday, June 2

10:00–11:00	A. Parshin	Theory of adèles, I
11:30–12:30	M. Mulase	Symplectic geometry of the moduli spaces of pointed Riemann surfaces and the Virasoro constraints, I
13:30–14:30	A. Parshin	Part II
15:00–16:00	D. Osipov	Representation theory over 2-dimensional local fields (after Kazhdan-Gaitsgory)

Friday, June 3

10:00–11:00	M. Mulase	Part II
11:30–12:30	E. Previato	Algebraically completely integrable systems, I
13:30–14:30	M. Mulase	Part III
15:00–16:00	F.J. Plaza Martin	Covers of curves and the Schottky problem for curves with automorphisms
16:30–17:30	I. Zhukov	tba

Saturday, June 4

10:00–11:00	D. Osipov	Central extensions and reciprocity laws on algebraic surfaces
11:30–12:30	M. Mazo	The Weil pairing and the tame symbols

Monday, June 6

10:00–11:00	E. Previato	Part II
11:30–12:30	A. Parshin	Part III
13:30–14:30	S. Gorchinskiy	Poincare biextension and ideles on the algebraic curve
15:00–16:00	A. Zheglov	Two-dimensional KP-systems and their integrability

Tuesday, June 7

10:00–11:00	E. Previato	Part III
11:30–12:30	M. Mulase	Part IV
13:30–14:30	A. Parshin	Part IV
15:00–16:00	E. Previato	Part IV