



# Laboratoire Poncelet

UMI 2615

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**April 24 - 26, 2006**

## **" Journées des jeunes en cotutelle "**

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### **Program Schedule**

#### **April 24, Monday 15:00-19:00 First session**

15:00 - 15:15 Opening

15:15 - 16:15 "The character of the operad of a pair of compatible brackets" by Anton Khoroshkin

16:30 - 17:30 "A Gröbner free alternative for polynomial system solving" by Grégoire Lecerf

17:30 - 18:00 Coffee break

18:00 - 19:00 "Degree of the modular map of maximal variation families of n-gonal curves" by Sergey Gorchinsky (joint work with F. Viviani)

#### **April 25, Tuesday 10:30-19:00: Second session**

10:30 - 11:30 "On the generalized Brauer-Siegel theorem" by Alexey Zykin

11:45 - 12:45 "On noncommutative rational approximations" by Alexey Glutsyuk

12:45 - 14:00 Lunch

14:00 - 15:00 "Bruhat decomposition for double Grassmannians" by Evgeny Smirnov

15:15 - 16:15 (titre à préciser) by Mathieu Raffinot

16:15 - 16:45 : Coffee break

16:45 - 17:45 "Shift of invariants method" by Leonid Rybnikov

18:00 - 18:45 Round table "Young researchers and French-Russian scientific collaboration"

19:00 Conference dinner

**April 26, Wednesday 10:30-18:00: Third session**

10:30 - 11:30 “Tilting bundles on Fano varieties and the Frobenius morphism” by Alexander Samohin

11:45 - 12:45 “Zeta-functions of Kummer surfaces over finite fields” by Sergey Rybakov

12:45 - 14:00 : Lunch

14:00 - 15:00 “Lyapunov exponents of transversally conformal foliations” by Victor Kleptsyn (joint work with B. Deroin)

15:15 - 16:15 “Equivariant embeddings of homogeneous spaces of reductive groups into G-modules” by Denis Mironov

16:15 - 16:45 Coffee break

16:45 - 17:45 “Algorithms to treat automatically generated lines” by Yury Lifshits

18:15 - 19:15 “Boundary field induced first order transition in the 2D Ising model: Exact study using Grassmann algebra” by Jean-Yves Fortin