

## Thursday, May 24

### Room 16-24. Plenary lectures:

9:30-10:20 Nguyen Tien Zung. *Geometry of integrable non-Hamiltonian systems*

10:30-11:20 B. Dubrovin. *Integrable hierarchies of topological type from dressing transformations*

### Parallel Sessions:

#### Room 12-26(6). Topological spaces with additional structures. Metric spaces.

12:00-12:25 S. Ageev. *Completion of homogeneous spaces*

12:30-12:55 V. Valov. *Cantor manifolds and generalizations*

13:00-13:25 K. Kozlov. *Completion of homogeneous spaces*

13:30-13:55 S. Medvedev. *H-homogeneous metric spaces*

14:00-14:25 P. Gevorgyan. *Binary G-spaces*

14:30-14:55 N. Martynchuk. *On a factorization theorem for dimension  $(m,n)$ -dim*

#### Room 12-26(a). K-theory, homological algebra and topology of manifolds.

12:00-12:50: N. Teleman. *Local index theory*

13:00-14:00 **Lunch**

14:00-14:40 A. Kaygun. *Jacobi-Zariski exact sequence for Hochschild homology and cyclic (co)homology*

14:45-15:25 J. Eichhorn. *The signature for open manifolds*

15:30-16:10 G. Sharygin. *Combinatoric vector bundles and their characteristic classes*

16:10-16:40 **Coffee**

16:40-17:20 V. Zvyagin. *About correct solvability for the nonlinear equations*

17:25-17:55 V. Obukhovskiy. *Topological methods in some problems of differential inclusions in Banach spaces*

18:00-18:25 J. Oliveira. *On piecewise smooth cohomology of locally trivial Lie groupoids*

18:30-18:55 Q. Morales Melendez. *Proper algebraic Poincare complexes*

19:00-19:25 S. Melikhov. *Combinatorics of collapsible polyhedra and maps*

#### Room 12-05. Algebraic and toric topology.

12:00-12:50 Zhi Lu. *Orbit configuration spaces of small covers and quasi-toric manifolds*

13:00-13:40 J. Grbic. *The homology rigidity of the functor  $\Sigma\Omega$*

13:40-14:45 **Lunch**

14:45-15:25 Z. Rakic. *as quantized universal enveloping algebras*

15:30-16:10 A. Zarelua. *On the ring of continuous functions on spaces with p-adic group of transformations*

16:10-16:40 **Coffee**

16:40-17:20 Yu. Ustinovskiy. *On almost free actions and Horrocks conjecture*

17:25-17:55 A. Ayzenberg. *Algebraic properties of spherical nerve-complexes*

18:00-18:30 A. Magazinov. *Convex hull of the Poisson point process in the Clifford torus*

18:35-19:05 A. Buryak. *Cohomology groups of quasihomogeneous Hilbert schemes*

19:10-19:40 D. Permyakov. *Abelian groups of diffeomorphisms generated by Dehn twist*

#### Room 12-07. Knots and low-dimensional topology.

12:00-12:50 O. Viro. *Topological refinements of quantum link invariants*

13:00-14:30 **Lunch**

14:30-15:20 S. Matveev. *Prime Decompositions and the Diamond Lemma*

15:30-16:15 A. Vesnin. *Cyclic generalizations of hyperbolic 3-manifolds constructed from regular polyhedra*

15:15-16:45 **Coffee**

16:45-17:20 E. Fominykh. *Exact values and potential sharp upper bounds for complexity of 3-manifolds*

17:25-17:50 F. Korablev. *Примарные разложения узлов в утолщенных поверхностях*

17:55-18:20 A. Akimova. *Classification of low complexity knots in the thickened torus*