

## Tuesday, May 22

### Room 16-24. **Plenary lectures:**

- 9:30-10:20 V. Fedorchuk. *On simplicial dimensions*  
10:30-11:20 C. Gordon. *L-spaces and left-orderability*

### Parallel Sessions:

#### Room 12-26(б). **Set theoretic topology. General properties of topological spaces.**

- 12:00-12:25 A. Gyzlov. *Compactifications and Stone spaces*  
12:30-12:55 A. Ivanov. *Some questions on seminormal functors*  
13:00-13:25 I. Naidoo. *On three pointfree functors:  $\beta$ ,  $\lambda$  and  $\nu$*   
13:30-13:55 R. Beshimov, M. Mamadaliyev. *Cardinality invariants and covariant functors*  
14:00-14:25 M. Dobrynina. *On generalizations of Fedorchuk's normal functor theorem in category  $P$*

#### Room 12-05. **Symplectic geometry and dynamical systems.**

- 12:00-12:50 B. Jovanovic. *Complete pre-isotopic contact structures and action-angle variables in contact geometry*  
13:00-14:15 **Lunch**  
14:15-14:55 M. Kharlamov. *Topology of algebraically solved systems and Boolean functions*  
15:00-15:40 L. Lerman. *Bifurcations in integrable and nonintegrable Hamiltonian systems*  
15:45-16:15 I. Kozlov. *Symplectic invariants of almost toric 4-manifolds*  
16:15-16:45 **Coffee**  
16:45-17:10 D. Tonkonog. *Calculating fractional Hamiltonian monodromy*  
17:15-17:40 D. Fedoseev. *Hamiltonian systems on surfaces of revolution. Bertrand case*  
17:45-18:05 E. Kantonistova. *Исследования топологических и симплектических свойств системы «Сферический маятник»*

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

- 14:00-14:40 S. Duzhin. *On matched diagrams of knots*  
14:45-15:25 T. Le. *On the stability of the colored Jones polynomial*  
15:30-16:10 A. Malyutin. *Random knots*  
16:10-16:40 **Coffee**  
16:40-17:20 A. Skopenkov. *Classification of embeddings of non-simply connected 4-manifolds into  $R^7$*   
17:25-17:50 M. Prasolov. *Bypasses for grid diagrams*

#### Room 12-26(a). **Discrete and computational geometry.**

- 12:00-12:50 I. Sabitov. *Some new classes of rigid polyhedra*  
13:00-14:00 **Lunch**  
14:00-14:50 V. Dol'nikov. *On some transversal theorems*  
14:55-15:45 E. Timofeev. *Computing dimensions by the experimental data*  
15:50-16:15 M. Meshcheryakov. *Параллелоэдры в классе выпуклых оболочек орбит групп Вейля*  
16:15-16:45 **Coffee**  
16:45-17:10 M. Nevskii. *On some property of axial diameters of a simplex*  
17:15-17:40 A. Garber. *Belt diameter of some class of space filling zonotopes*  
17:45-18:10 M. Kozachok. *Perfect prisms and Kalai's conjecture concerning centrally symmetric polytopes*

### Hall at 12-th floor

#### 18:30-19:30 **Poster Session**

### Room 16-10

19:30 Memorial Session dedicated to the memory of P.S. Alexandroff