

## Conference Program

### Sunday, July 23

09:30 - 10:00    **Registration: Ural Federal University, 4 Turgeneva Street, Demidov Hall**

**Ural Federal University, 4 Turgeneva Street, Demidov Hall**

**Chair: Alexander Makhnev**

10:00 - 10:50    Mikhail Volkov: *Algebraic properties of monoids of diagrams and 2-cobordisms*

10:50 - 11:00    *Break*

11:00 - 11:50    Tatsuro Ito: *Terwilliger algebras of  $(P$  and  $Q$ )-polynomial schemes I*

11:50 - 12:10    *Coffee break*

**Chair: Akihiro Munemasa**

12:10 - 13:00    Alexander Makhnev: *Eigenvalues of distance-regular graphs I*

13:00 - 13:15    *Conference Photo*

13:15 - 14:30    *Lunch*

14:30 - 15:20    Sergey Shpectorov: *Non-existence of some strongly regular graphs via the unit vector representation*

15:20 - 15:30    *Break*

**Chair: Vladislav Kabanov**

15:30 - 16:20    Michael Khachay: *Deterministic and Randomized Approximation Algorithms for the Traveling Salesman Problem and Its Generalizations*

16:30 - 16:50    *Coffee break*

16:50 - 18:10    *Contributed Talks*

18:10 - 19:00    *Discussion*

## Conference Program

### Monday, July 24

Ural Federal University, 4 Turgeneva Street, Demidov Hall

**Chair: Andrey Vasil'ev**

10:00 - 10:50 Akihiro Munemasa : *A matrix approach to Yang multiplication I*

10:50 - 11:00 *Break*

11:00 - 11:50 Alexander Makhnev: *Eigenvalues of distance-regular graphs II*

11:50 - 12:10 *Coffee break*

**Chair: Alexander Gavrilouyk**

12:10 - 13:00 Alexandre Zalesski: *Minicourse I, Lecture 1*

13:00 - 14:30 *Lunch*

14:30 - 15:20 Alexander Ivanov: *Graphs, Geometries, and Amalgams*

15:20 - 15:30 *Break*

15:30 - 16:30 *Contributed Talks*

16:30 - 16:50 *Coffee break*

16:50 - 18:10 *Contributed Talks*

16:50 - 18:10 *Problem solving*

## Conference Program

### Tuesday, July 25

Ural Federal University, 4 Turgeneva Street, Demidov Hall

**Chair: Tatsuro Ito**

10:00 - 10:50 Akihiro Munemasa : *A matrix approach to Yang multiplication II*

10:50 - 11:00 *Break*

11:00 - 11:50 Danila Revin: *Pronormality of subgroups in finite groups*

11:50 - 12:10 *Coffee break*

**Chair: Alexander Ivanov**

12:10 - 13:00 Alexandre Zalesski: *Minicourse I, Lecture 2*

13:00 - 14:30 *Lunch*

14:30 - 15:20 Andrey Vasil'ev: *On the  $k$ -closure of a permutation group*

15:20 - 15:30 *Break*

15:30 - 16:30 *Contributed Talks*

16:30 - 16:50 *Coffee break*

16:50 - 18:10 *Contributed Talks*

18:10 - 21:00 *Conference Dinner*

## Conference Program

### Wednesday, July 26

Ural Federal University, 4 Turgeneva Street, Demidov Hall

**Chair: Shaofei Du**

10:00 - 10:50 Denis Krotov: *Latin trades of order 3*

10:50 - 11:00 *Break*

11:00 - 11:50 Anatoly Kondrat'ev: *Minicourse II, Lecture 1*

11:50 - 12:10 *Coffee break*

**Chair: Maria Grechkoseeva**

12:10 - 13:00 Alexandre Zalesski: *Minicourse I, Lecture 3*

13:00 - 14:30 *Lunch*

**Chair: Natalia Maslova**

14:30 - 15:20 *Open Problems Session*

15:20 - 15:30 *Break*

15:30 - 16:30 *Contributed Talks*

16:30 - 16:50 *Coffee break*

16:50 - 18:10 *Contributed Talks*

18:10 - 19:00 *Problem solving*

## Conference Program

### Thursday, July 27

Ural Federal University, 4 Turgeneva Street, Demidov Hall

**Chair: Alexander Mednikh**

10:00 - 10:50    Sergey Matveev : *1. Manifolds and elements of Catastrophe theory 2. Why is the hyperbolic metrics better than the Euclidean one?*

10:50 - 11:00    *Break*

11:00 - 11:50    Anatoly Kondrat'ev: *Minicourse II, Lecture 2*

11:50 - 12:10    *Coffee break*

**Chair: Elena Konstantinova**

12:10 - 13:00    Alexandre Zalesski: *Minicourse I, Lecture 4*

13:00 - 14:30    *Lunch*

14:30 - 15:20    Tatsuro Ito: *Terwilliger algebras of  $(P$  and  $Q$ )-polynomial schemes II*

15:20 - 15:30    *Break*

15:30 - 16:30    *Contributed Talks*

16:30 - 16:50    *Coffee break*

16:50 - 18:10    *Contributed Talks*

18:10 - 19:00    *Problem solving*

## Conference Program

### Friday, July 28

**Ural Federal University, 4 Turgeneva Street, Demidov Hall**

**Chair: Anatoly Kondrat'ev**

10:00 - 10:50 Vissarion Belyaev: *Minicourse III, Lecture 1*

10:50 - 11:00 *Break*

11:00 - 11:50 Alexander Mednykh: *Jacobians of circulant graphs and their generalisations*

11:50 - 12:10 *Coffee break*

**Chair: Yaokun Wu**

12:10 - 13:00 Vladimir Trofimov: *Symmetrical extensions of graphs I*

12:30 - 14:30 *Lunch*

**Chair: Yaokun Wu**

14:30 - 15:20 Vladimir Trofimov: *Symmetrical extensions of graphs II*

15:20 - 15:30 *Break*

15:30 - 16:30 *Contributed Talks*

16:30 - 16:50 *Coffee break*

16:50 - 18:10 *Contributed Talks*

18:10 - 19:00 *Problem solving*

## Conference Program

### Saturday, July 29

Ural Federal University, 4 Turgeneva Street, Demidov Hall

**Chair: Vladislav Kabanov**

10:00 - 10:50 Vissarion Belyaev: *Minicourse III, Lecture 2*

10:50 - 11:00 *Break*

11:00 - 11:50 Yaokun Wu: *Lipschitz polytopes of metric spaces*

11:50 - 12:10 *Coffee break*

**Chair: Alexander Makhnev**

12:10 - 13:00 Shaofei Du: *Recent Developments in Regular Maps*

13:00 - 13:10 *Closing*

### Sunday, July 30

**Leaving the Conference**