

**International Conference
MALTSEV MEETING 2010
dedicated to the 70th anniversary
of Academician Yu. L. Ershov**

**Programme of Section
“Model Theory and Universal Algebra”**

May 2, Sunday. Chairman S.V. Sudoplatov

16:45–17:00 *Evgenii Andreevich Palyutin (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, On categorical normal theories of rank 3

17:00–17:15 *Aleksandr Georgievich Pinus (Novosibirsk State Technical University, Novosibirsk, Russia)*, On Galois-correspondence between implicit operations and categories of universal algebras

17:15–17:30 *Viktor Valerievich Verbovskiy (Institute of Problems of Informatics and Control, Almaty, Kazakhstan)*, Dp-minimal and o-stable ordered structures

17:30–17:45 *Aibat Rafkhatovich Yeshkeev (Karaganda State University, Karaganda, Kazakhstan)*, On categoricity of central types of Δ -PM-theories

17:45–18:00 *Nataliya Vyacheslavovna Triakashnaya, Alena Andreevna Stepanova (Far East State University, Vladivostok, Russia)*, Hamiltonian varieties of groupoids

18:00–18:15 *Aleksandr Aleksandrovich Vikent'ev (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, On reach families of types in models of complete theories, on theorems of Mal'tsev type and definabilities of algebraic systems

18:15–18:30 *Aleksandr Aleksandrovich Vikent'ev, Ruslan Aleksandrovich Vikent'ev (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, M -valued models for adaptive distances and clasterisation of knowledge

18:30–18:45 *Dmitri Evgen'evich Pal'chunov, Aleksandr Viktorovich Trofimov (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, Finitely axiomatizable Boolean algebras with distinguished dense subalgebras

May 3, Monday. Chairman A.G. Pinus

16:45–17:00 *Boris Munevich Vernikov, Dmitri Vyacheslavovich Skokov (Ural State University, Ekaterinburg, Russia), On variety of semigroups generated by all 3-element semigroups*

17:00–17:15 *Tamara Aleksandrovna Martynova (Omsk State Pedagogical University, Omsk, Russia), Complete unars*

17:15–17:30 *Nadezhda Vladimirovna Nagul (IDSTU SB RAS, Irkutsk, Russia), On classes of properties that preserved under morphisms of some generalizations for multi-based algebraic systems*

17:30–17:45 *Mikhail Sergeevich Sheremet (Sobolev Institute of Mathematics, Novosibirsk, Russia), Each equality on partial algebras is characterized by an algebraic operator*

17:45–18:00 *Mikhail Sergeevich Sheremet (Sobolev Institute of Mathematics, Novosibirsk, Russia), Characterization of finitely generated varieties of partial algebras*

18:00–18:15 *Juriy Vladimirovich Zhuchok (Lugansk National University, Lugansk, Ukraine), On Green's cross-sections of the symmetric inverse \mathcal{O} -caterory*

18:15–18:30 *Abyz Temirgalievich Nurtazin (Kazakh National University of name Al-Farabi, Almaty, Kazakhstan), A sufficient condition for reproducitivity of submodelly atomic theory over a predicate*

May 5, Wednesday. Chairman M.V. Semenova

16:45–17:00 *Sergey Vladimirovich Sudoplatov (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, On Ehrenfeucht theories with countable not almost homogeneous models

17:00–17:15 *Kristina Andreevna Baikalova (Novosibirsk State University, Novosibirsk, Russia)*, On limit models of theories of graphs with the uniform finite separability

17:15–17:30 *Ilya Vladimirovich Shulepov (Novosibirsk State University, Novosibirsk, Russia)*, On number of limit models for theories obtained by identifications of language symbols

17:30–17:45 *Denis Vladimirovich Solomatin (Omsk State Pedagogical University, Omsk, Russia)*, Criterion for planarity of Cayley graphs of 0-direct unions of nilpotent semigroups

17:45–18:00 *Aleksandr Stepanovich Nudel'man (Sobolev Institute of Mathematics, Novosibirsk, Russia)*, On formalization of natural arithmetic theory