

9 ³⁰ –13 ⁵⁰	Registration (Room 146, Main Building of the L'viv University)
14 ⁰⁰ –14 ²⁵	Opening Ceremony (Assembly Hall of University)

Tentative Schedule of 9-th International Algebraic Conference in Ukraine

Monday, July 8

Plenary Talks (Conference Hall of University)

14 ³⁰ –15 ¹⁵	Efim Zelmanov , Infinite Dimensional Superalgebras, <i>University of California, San Diego, USA</i>
15 ²⁵ –16 ¹⁰	Yuriy Drozd , Tilting theory and unitary representations of linear groups over algebras, <i>Institute of Mathematics, National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>
16 ¹⁰ –16 ³⁰	Coffee Break (Room 146)
16 ³⁰ –17 ¹⁵	Jan Trlifaj , Structural Decompositions in Module Theory and Their Constraints, <i>Matematicko-fyzikalni fakulta Univerzita Karlova v Praze, Czech Republic</i>
17 ²⁵ –18 ¹⁰	Jan Zemlicka , Köthe's conjecture and selfinjective regular rings, <i>Matematicko-fyzikalni fakulta, Univerzita Karlova v Praze, Czech Republic</i>
19 ⁰⁰ –21 ⁰⁰	Welcome Party

Tuesday, July 9
Plenary Talks (Student Club)

9 ³⁰ –10 ¹⁵	Rostislav Grigorchuk , Random groups of intermediate growth, <i>Texas A&M University, USA</i>
10 ²⁵ –11 ¹⁰	Alexander Olshanskiy , Length functions and embeddings of groups, <i>Vanderbilt University, Nashville, USA</i>
11 ¹⁰ –11 ³⁰	Coffee Break (Room 146)
11 ³⁰ –12 ¹⁵	Mikhail Zaicev , Codimension growth of Lie superalgebras, <i>Moscow State University, Moscow, Russia</i>
12 ²⁵ –13 ¹⁰	Waldemar Holubowski , On subgroup structure of groups of infinite matrices, <i>Institute of Mathematics of Silesian University of Technology, Gliwice, Poland</i>
13 ¹⁰ –15 ⁰⁰	Lunch Time (Numerous Restaurants and Cafés near University)

Wednesday, July 10
Plenary Talks (Student Club)

9 ³⁰ –10 ¹⁵	Ulrich Knauer , Semigroups and graphs - on the genus of groups and semigroups, <i>University of Oldenburg, Berlin, Germany</i>
10 ²⁵ –11 ¹⁰	Pavel Varbanets , Distribution of the solutions of congruences on two variables, <i>I.I. Mechnikov Odessa National University, Odessa, Ukraine</i>
11¹⁰–11³⁰ Coffee Break (Room 146)	
11 ³⁰ –12 ¹⁵	Igor Subbotin , Transitivity of normality, generalized pronormality and related topics, <i>National University, California, USA</i>
12 ²⁵ –13 ¹⁰	Leonid Kurdachenko , Around Schur's, Baer's and Neumann's theorem, <i>National University of Dnepropetrovsk, Dniepropetrovsk, Ukraine</i>
13 ¹⁰ –15 ⁰⁰	Lunch Time (Numerous Restaurants and Cafés near University)
19 ⁰⁰	Conference Dinner

Thursday, July 11

Plenary Talks (Conference Hall of University)

9 ³⁰ –10 ¹⁵	Ivan Shestakov , <i>São Paulo, Brazil</i>
10 ²⁵ –11 ¹⁰	Anatoliy Petravchuk , On solvable Lie algebras of derivations, <i>Kyiv Taras Shevchenko University, Kyiv, Ukraine</i>
11¹⁰–11³⁰ Coffee Break (Room 146)	
11 ³⁰ –12 ¹⁵	Vyacheslav Futorny , Representations of Weyl algebras and parabolic induction, <i>University of Sao Paulo, Sao Paulo, Brazil</i>
12 ²⁵ –13 ¹⁰	Bogdan Zabavsky , Diagonal reduction of matrices over finite stable range rings, <i>Ivan Franko National University of L'viv, L'viv, Ukraine</i>

Friday, July 12

Plenary Talks (Conference Hall of University)

9 ³⁰ –10 ¹⁵	Vitaliy Sushchansky , D-Monomial Groups and Interval Exchange Transformations, <i>Institut of Mathematics Silesian University of Technology Gliwice, Poland</i>
10 ²⁵ –11 ¹⁰	Volodymyr Bavula , New Criteria for a ring to have a semisimple left quotient ring, <i>Univesrity of Sheffield, UK</i>
11¹⁰–11³⁰ Coffee Break (Room 146)	
11 ³⁰ –12 ¹⁵	Krzysztof Krupinski , Around Podewski's conjecture, <i>Uniwersytet Wroclawski, Wroclaw, Poland</i>
12 ²⁵ –13 ¹⁰	Taras Banakh , Solecki submeasures and densities on groups, <i>Ivan Franko National University of L'viv, Ukraine</i>

Saturday, July 13
Plenary Talks (Room 377)

9 ³⁰ –10 ¹⁵	Vladimir Kirichenko , Exponent matrices and their applications, <i>Kyiv National Taras Shevchenko University, Kyiv, Ukraine</i>
10 ²⁰ –11 ⁰⁵	Vasyl Ustymenko , On new graphs of large girth with large spectral gap, LDPC codes and cryptographical algorithms, <i>Institute of Mathematics University of Maria Curie Skłodowska, Lublin, Poland</i>
11 ¹⁰ –11 ⁵⁵	Oleg Gutik , On H -complete topological pospaces, <i>Ivan Franko National University of L'viv, Ukraine</i>
12 ⁰⁰	Closing Ceremony (Main Hall of University)

Tuesday, July 9

Section Lectures and Talks

Section 1: Representations and Linear algebra (Room 372)

Section organizers: **Yu. Drozd, V. Bondarenko, V. Futorny,**

V. Lyubashenko, V. Petrychkovych

Chairman: prof. Yuriy Drozd Secretary: Nataliia Dzhaliuk	
15 ⁰⁰ –15 ⁴⁵	Volodymyr Lyubashenko , Curved operads and curved cooperads, Institute of Mathematics, <i>National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Dariusz Klein , On twisted group algebras of SUR-type of finite groups over a local noetherian ring, <i>Pomeranian Academy in Słupsk, Słupsk, Poland</i>
16 ²⁰ –16 ⁴⁵	Leonid Bedratyuk , Derivations and identities for Kravchuk polynomials, <i>Khmelnitskiy National University, Khmelnytsky, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Volodymyr Gavran , Categorical resolutions of curves with quadratic, <i>Institute of Mathematics, National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Nadiya Ilash , Asymptotic behavior of the degree of an algebra of SL_2 -invariants, <i>Kamyanets-Podilsky college of food industry, Kamyanets-Podilsky, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Nataliya Ladzoryshyn , Equivalence of pairs of matrices with relatively prime determinants over quadratic principal ideal rings, <i>Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, L'viv, Ukraine</i>

Tuesday, July 9

Section Lectures and Talks

**Section 2: Group Theory and Algebraic Dynamics
(Room 350)**

Section organizers: **N. Chernikov, R. Grigorchuk, F. Lyman,
A. Ol'shanskii, I. Subbotin.**

Chairman: prof. Rostislav Grigorchuk Secretary: Yuriy Ishchuk	
15 ⁰⁰ –15 ⁴⁵	Nickolay Chernikov , Groups with minimal conditions on abelian subgroups, <i>Institute of Mathematics National Academy of Science of Ukraine, Kyiv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Alexander Vasil'ev , On permutizers of Sylow subgroups of finite groups, <i>Francisk Skorina Gomel State University, Belarusian State University of Transport, Gomel, Belarus</i>
16 ²⁰ –16 ⁴⁵	Fedir Lyman , On generalized norms in the groups. <i>Sumy State Pedagogical University named by A.S.Makarenko, Sumy, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Mykola Khrypchenko , Partial cohomology of groups <i>Institute of Mathematics and Statistics, University of Sao Paulo, Brazil</i>
17 ³⁵ –17 ⁵⁰	Olga Dashkova , Generalized soluble AFF-groups, <i>Oles Honchar Dnepropetrovsk National University, Dnepropetrovsk, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Vladzimir Vasil'ev , On F-modular subgroups of finite groups, <i>Francisk Skorina Gomel State University, Belarusian State University of Transport, Gomel, Belarus</i>

Tuesday, July 9

Section Lectures and Talks

Section 3: Rings and Modules (Room 377)

Section organizers: **V. Bavula., A. Kashu, V. Kirichenko,**
A. Petravchuk, I. Shestakov, J. Trlifaj, B. Zabavsky, E. Zelmanov.

Chairman: prof. Volodymyr Kirichenko	
Secretary: Andrew Gatalevych	
15 ⁰⁰ –15 ⁴⁵	Kashu Alexei , Weakly hereditary and idempotent closure operators in module categories, <i>Institute of Mathematics and Computer Science, Academy of Sciences of Moldova, Kishinau, Moldova</i>
15 ⁵⁰ –16 ¹⁵	Viktor Bovdi , On partial augmentations in a group rings, <i>UAEU, Al Ain, United Arab Emirates</i>
16 ²⁰ –16 ⁴⁵	Makar Plakhotnyk , The chain length in POset and its connection with solution of linear inequations over \mathbb{Z} , <i>Kyiv National Taras Shevchenko University, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	A. Zelensky , Unique quivers
17 ³⁵ –17 ⁵⁰	Viktor Zhuravlev , On the sum of elements of exponent matrix, <i>Kyiv National Taras Shevchenko University, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Sorokin Olexiy , Right MPI morphic rings and their applications, <i>Ivan Franko National University, L'viv, Ukraine</i>

Tuesday, July 9

Section Lectures and Talks

**Section 4: Algebraic Geometry and Number Theory
(Room 265)**

Section organizers: **A. Laurincikas, M. Pratsiovytyi, P. Varbanets.**

Chairman: prof. Pavel Varbanets Secretary: Marta Maloid-Glebova	
15 ⁰⁰ –15 ⁴⁵	Antanas Laurincikas , Joint universality of the Riemann zeta function and Hurwitz zeta-functions, <i>Vilnius University, Siauliai University, Vilnius, Lithuania</i>
15 ⁵⁰ –16 ¹⁵	Igor Velichko , Additive arithmetical funktions over matrix rings, <i>Odessa national university, Odessa, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Renata Macaitiene , Joint universality of the Riemann zeta-function and Lerch zeta-functions, <i>Siauliai University, Siauliai, Lithuania</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Dmitry Karvatsky , Representing real numbers by generalized Fibonacci sequences, <i>National Pedagogical Dragomanov University, Kyiv, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Irina Zamriy , Geometry is modified of $\overline{Q_3}$ -representation of real numbers, <i>National Pedagogical Dragomanov University, Kyiv, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	

Tuesday, July 9

Section Lectures and Talks

**Section 5: Algebraic Topology and Topological Algebra
(Room 379)**

Section organizers: **T. Banakh, V. Sharko, M. Zarichnyi.**

Chairman: prof. Taras Banakh Secretary: Ivan Chuchman	
15 ⁰⁰ –15 ⁴⁵	Oleh Nykyforchyn, D. Repovs , On natural liftings of functors in the category of compacta to categories of topological algebra and analysis, <i>Vasyl' Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine, University in Ljubljana, Slovenia</i>
15 ⁵⁰ –16 ¹⁵	Yuriy Shatskyi , Absolute extensors in Asymptotic Category, <i>Ivan Franko National University of L'viv, L'viv, Ukraine</i>
16 ²⁰ –16 ⁴⁵	O. Petrenko, I. Protasov, Sergii Slobodianiuk , Asymptotic structures of cardinals, <i>Kyiv National Taras Shevchenko University, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Oksana Mykytsey , Continuity of symmetric products of capacities, <i>Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine</i>
17 ³⁵ –17 ⁵⁰	N. Varekh., O. Gerasimova, Aleksandr Dyshlis, Mykhajlo Tsybanyov , Fundamental domains of crystal sets group of symmetries of hyperbolic geometry, <i>Oles Honchar Dnipropetrovsk National University, Dnipropetrovsk, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Vladimir Arnautov, G. Ermakova , The number of group metrizable topologies on a countable group, <i>Institute of Mathematics and Computer Science Academy of Sciences of Moldova, Kishinev, Moldova, Transnistrean State University</i>

Tuesday, July 9

Section Lectures and Talks

Section 6: Model Theory and Applied Algebra (Room 111)

Section organizers: **A. Ivanov, V. Ustymenko.**

Chairman: prof. Aleksander Ivanov Secretary: Roman Popovych	
15 ⁰⁰ –15 ⁴⁵	Oleg Verbitsky , Bounds for the quantifier depth in finite-variable logics: Alternation hierarchy, <i>Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, L'viv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Boris Novikov , On generalized automata, <i>V.N. Karazin Kharkov National University, Kharkov, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Olga Kotova , Properties of sets of solutions of equations containing fractal functions, <i>Kherson State University, Kherson, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Svitlana Klymchuk , Asymptotic mean of digits of real number and its properties, <i>Institute of Mathematics of NAS of Ukraine, Kyiv, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Enzo Bonacci , A new physical approach to probability, <i>L.S.S. "G.B. Grassi" of Latina, Italy</i>
17 ⁵⁰ –18 ⁰⁵	I. Grunsky, Andrey Stepkin , Algorithm of undirected graph exploration by a collective of agents, <i>Institute of applied mathematics and mechanics of the NASU, Kyiv, Ukraine, Donbass State Pedagogical University, Slavyansk, Ukraine</i>

Tuesday, July 9

Section Lectures and Talks

**Section 7: Semigroups, Quasigroups, S-acts
and other Algebraic Systems (Room 301)**

Section organizers: **U. Knauer, I. Kozhukhov, M. Komarnytskyi,
B. Novikov.**

Chairman: prof. Mykola Komarnytskyi Secretary: Oleg Gutik	
15 ⁰⁰ –15 ⁴⁵	Anatolii Zhuchok , On semiretractions of trioids, <i>Luhansk Taras Shevchenko National University, Luhansk, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Vladimir Yaroshevich , On regularity of isotone mappings that preserve equivalence relation, <i>National Research University of Electronic Technology, Moscow, Russia</i>
16 ²⁰ –16 ⁴⁵	Vasile Ursu, Alexandru Covalschi , Quasiidentities of nilpotent free A-loop and of nilpotent free Moufang loop, <i>Institute of Matematics and Computer Science Simion Stoilow of the Romanian Academy, Romanian, State Pedagogical University Ion Creanga of Moldova, Moldova</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Wieslaw Dudek, Valentyn Trokhimenko , Menger algebras of n -place interior operations, <i>Wroclaw University of Technology, Wroclaw, Poland, Pedagogical University, Vinnitsa, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Alexander Gorbatkov , Variants of free monoids and free semigroups, <i>Luhansk Taras Shevchenko National University, Luhansk, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Yuliya Bilyak , On axiomatizability of torsion classes of acts, <i>Ivan Franko National University of L'viv, L'viv, Ukraine</i>

Wednesday, July 10

Section Lectures and Talks

Section 1: Representations and Linear algebra (Room 372)

Section organizers: **Yu. Drozd, V. Bondarenko, V. Futorny,**

V. Lyubashenko, V. Petrychkovych

Chairman: prof. Vyacheslav Futorny Secretary: Nataliia Dzhaliuk	
15 ⁰⁰ –15 ⁴⁵	Bogdan Shavarovskii , Reduction of polynomial matrices by semiscalar equivalent transformations, <i>Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, L'viv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Vasyl' Petechuk , Homomorphisms of the matrix group over on associative rings, <i>Transcarpathian Institute of Postgraduate Pedagogical Education , Uzhgorod, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Dmitrii Limanskii , Estimates for systems of differential operators in Sobolev spaces, <i>Donetsk National University, Donetsk, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Andriy Romaniv , On greatest common left divisor and least common right multiple of matrices, <i>Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, L'viv, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Ruslana Dinis , On properties of monomial matrices over commutative rings, <i>Kyiv National Taras Shevchenko University, Kyiv, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Olesia Zubaruk , On matrix representations of semigroups generated by two elements, <i>Kyiv National Taras Shevchenko University, Kyiv, Ukraine</i>

Wednesday, July 10

Section Lectures and Talks

**Section 2: Group Theory and Algebraic Dynamics
(Room 350)**

Section organizers: **N. Chernikov, R. Grigorchuk, F. Lyman,
A. Ol'shanskii, I. Subbotin.**

Chairman: prof. Nickolay Chernikov Secretary: Yuriy Ishchuk	
15 ⁰⁰ –15 ⁴⁵	Yaroslav Sysak , Finite local nearrings with multiplicative Miller-Moreno group, <i>Institute of Mathematics NAS of Ukraine, Kyiv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Agnieszka Bier , On verbally poor groups, <i>Institute of Mathematics Silesian University of Technology, Gliwice, Poland</i>
16 ²⁰ –16 ⁴⁵	Bogdana Oliynyk , The normal structure of the diagonal limit of hyperoctahedral groups with doubling embeddings, <i>Taras Shevchenko National University of Kyiv, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Valery Beniash-Kryvets, I. Govorushko , On representation and character varieties of Baumslag-Solitar groups, <i>Belarusian State University, Minsk, Belarus</i>
17 ³⁵ –17 ⁵⁰	Елена Залеская , О нелокальных классах Локетта, удовлетворяющих гипотезе Локетта, <i>Витебский государственный университет имени П.М Машерова, Беларусь</i>
17 ⁵⁰ –18 ⁰⁵	Alexey Sadovnichenko , Linear groups with a spacious family of G-invariant subspaces, <i>National University of Dnepropetrovsk, Ukraine</i>

Wednesday, July 10

Section Lectures and Talks

Section 3: Rings and Modules (Room 377)

Section organizers: **V. Bavula., A. Kashu, V. Kirichenko,**
A. Petravchuk, I. Shestakov, J. Trlifaj, B. Zabavsky, E. Zelmanov.

Chairman: prof. Alexei Kashu Secretary: Andrew Gatalevych	
15 ⁰⁰ –15 ⁴⁵	Anatoliy Tushev , On induced representations of groups of finite rank. <i>Dnepropetrovsk National University, Dnepropetrovsk, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Sergiy Geftter , Linear non-homogeneous differential equations in a module over a ring, <i>V.N.Karazin Kharkiv National University, Kharkiv, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Andrew Gatalevych , Fractionally IF Bezout rings, <i>Ivan Franko National University, L'viv, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Andriy Oliynyk , Free products and infinite unitriangular matrices, <i>Kyiv National Taras Shevchenko University, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Vjacheslav Shvyrov , The properties of admissible sequences of indecomposable serial rings with Noetherian diagonal, <i>Luhansk Taras Shevchenko National University, Luhansk, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Iryna Raevska , Finite local nearrings with multiplicative Miller-Moreno group. <i>Institute of Mathematics, National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>

Wednesday, July 10

Section Lectures and Talks

**Section 4: Algebraic Geometry and Number Theory
(Room 265)**

Section organizers: **A. Laurincikas, M. Pratsiovytyi, P. Varbanets.**

Chairman: prof. Mykola Pratsiovytyi Secretary: Marta Maloid-Glebova	
15 ⁰⁰ –15 ²⁵	Olga Savastru , On the average order of some function in an arithmetic progression, <i>I.I. Mechnikov Odessa National University, Odessa, Ukraine</i>
15 ³⁰ –16 ⁵⁵	Darius Siauciunas , Lipschitz type inequality and universality of periodic zeta-functions, <i>Siauliai University, Siauliai, Lithuania</i>
16 ⁰⁰ –16 ²⁵	Sergey Sergeev , Multiplicative function weighted by Kloosterman sums, <i>Odessa I.I.Mechnikov National University, Odessa, Ukraine</i>
16 ³⁰ –16 ⁴⁵	Alina Matyukhina, L. Oridoroga , Divisibility of recursive sequence elements, <i>Donetsk National University, Donetsk, Ukraine</i>
16 ²⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Virginija Garbaliuskiene , A multidimensional limit theorem for twists of L-functions of elliptic curves, <i>Siauliai University, Siauliai, Lithuania</i>
17 ³⁵ –17 ⁵⁰	O. Kossak , On arithmetic progressions on Legendre elliptic curves, <i>Ivan Franko National University of L'viv, L'viv, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	

Wednesday, July 10

Section Lectures and Talks

**Section 5: Algebraic Topology and Topological Algebra
(Room 379)**

Section organizers: **T. Banakh, V. Sharko, M. Zarichnyi.**

Chairman: prof. Michael Zarichnyi Secretary: Ivan Chuchman	
15 ⁰⁰ –15 ⁴⁵	Nazar Pyrch , Absolute G-retracts and their applications, <i>Ukrainian Academy of Printing, Lviv, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Sergii Slobodianiuk , Ultracompanion's characterization of subsets of a group, <i>Kyiv Taras Shevchenko University, Kyiv, Ukraine</i>
16 ²⁰ –16 ⁴⁵	S. Bardyla , On H -complete topological semilattices, <i>Ivan Franko National University of L'viv, L'viv, Ukraine</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	
17 ³⁵ –17 ⁵⁰	
17 ⁵⁰ –18 ⁰⁵	

Wednesday, July 10

Section Lectures and Talks

Section 6: Model Theory and Applied Algebra (Room 111)

Section organizers: **A. Ivanov, V. Ustymenko.**

Chairman: prof. Vasyl' Ustymenko Secretary: Roman Popovych	
15 ⁰⁰ –15 ⁴⁵	Aleksander Ivanov , Continuous logic and locally compact groups, <i>University of Wroclaw, Wroclaw Institute of Mathematics, Wroclaw, Poland</i>
15 ⁵⁰ –16 ¹⁵	Yuriy Leshchenko , On the diameters of the commuting graphs of permutational wreath products, <i>Cherkasy National University; Institute of Physics, Mathematics and Computer Science, Cherkasy, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Nataliya Malaschonok , An algorithm for analytical solving of partial differential equations systems by algebraization, <i>Tambov State University, Tambov, Russia</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Olena Prianychnykova , Algebras of Language Transformations in Labelled Graphs, <i>Donetsk National Technical University, Donetsk, Ukraine</i>
17 ³⁵ –17 ⁵⁰	Roman Popovych , Sharpening of explicit lower bounds on elements order for nite eld extensions, <i>L'viv Polytechnic National University, L'viv, Ukraine</i>
17 ⁵⁰ –18 ⁰⁵	Svitlana Steflyuk , One class of partition polynomials, <i>Precarpathian Vasyl Stefanyk National University, Ivano-Frankivs'k, Ukraine</i>

Wednesday, July 10

Section Lectures and Talks

**Section 7: Semigroups, Quasigroups, S-acts
and other Algebraic Systems (Room 301)**

Section organizers: **U. Knauer, I. Kozhukhov, M. Komarnytskyi,
B. Novikov.**

Chairman: prof. Boris Novikov Secretary: Oleg Gutik	
15 ⁰⁰ –15 ⁴⁵	Fedir Sokhatsky , About autodistributivity of quasigroups, <i>University "Ukraina" Vinnytsia Institute of Economics and Social Sciences, Vinnytsia, Ukraine</i>
15 ⁵⁰ –16 ¹⁵	Yuriy Zhuchok , Symmetric dimonoids of transformations, <i>Luhansk Taras Shevchenko National University, Luhansk, Ukraine</i>
16 ²⁰ –16 ⁴⁵	Maxim Nazarov , On application of self-induced metric on groupoids, <i>National Research University of Electronic Technology, Moscow, Russia</i>
16 ⁴⁵ –17 ⁰⁵	Coffee Break (Room 146)
17 ⁰⁵ –17 ³⁰	Dumitru Botnaru, Alina Turcanu , About of the right product of two subcategories, <i>Chisinau, Moldova</i>
17 ³⁵ –17 ⁵⁰	Ilja Barkov, Igor Kozhukhov , Diagonal ranks of semigroups, <i>National Research University of Electronic Technology, Moscow, Russia</i>
17 ⁵⁰ –18 ⁰⁵	Nataliya Burban , The correspondence between classes of objects of the category of all acts over different monoids, <i>Ivan Franko National University of Lviv, Lviv, Ukraine</i>