

# Program of the Summer School 2018

**Vladimir Kadets (chairman) July 30, Monday**

09:20	Lydia Außenhofer	Compatible group topologies 1
10:10	Taras Banakh	The Golomb space and other countable connected Hausdorff spaces
11:00	Yuriy Drozd	Categorical resolutions of singular curves
11:40	<i>Coffee break</i>	
12:00	Szymon Żebberski	Absoluteness theorems 1
12:50	Volodymyr Mykhalyuk	On discontinuity points set of separately continuous functions

**Lyubomyr Zdomskyy (chairman) July 31, Tuesday**

Lydia Außenhofer	Compatible group topologies 2
Szymon Żebberski	Absoluteness theorems 2
Natalia Mazurenko	On invariant max-plus closed convex sets of idempotent measures
11:20 Inna Hlushak	Fractal dimensions for non-additive measures
<i>Coffee break</i>	
Rachid El Harti	The amenability to algebraic and analytical perspective
Olena Karlova	Life and Mathematics of Sergiy Kolyada

**Yuriy Drozd (chairman) August 1, Wednesday**

09:20	Lydia Außenhofer	Mackey topologies for groups 1
10:10	Lyubomyr Zdomskyy	A gentle introduction to forcing 1
11:00	Szymon Żebberski	Absoluteness theorems 3
11:40	<i>Coffee break</i>	
12:00	Vladimir Kadets	Measurable selectors of multifunctions in non-separable spaces 1
12:50	Jiří Spurný	Borel sets in topological spaces 1

**Sergiy Maksymenko (chairman) August 2, Thursday**

Lydia Außenhofer	Mackey topologies for groups 2
Lyubomyr Zdomskyy	A gentle introduction to forcing 2
Lyubomyr Zdomskyy	Basics of proper forcing, with emphases on posets consisting of trees 1
<i>Coffee break</i>	
Vladimir Kadets	Measurable selectors of multifunctions in non-separable spaces 2
Jiří Spurný	Borel sets in topological spaces 2

**Lydia Außenhofer (chairman) August 3, Friday**

09:20	Lyubomyr Zdomskyy	Basics of proper forcing, with emphases on posets consisting of trees 2
10:10	Vladimir Kadets	Measurable selectors of multifunctions in non-separable spaces 3
11:00	Oleh Nykyforchyn	Dimensions of hyperspaces and non-additive measures
11:40	<i>Coffee break</i>	
12:00	Sergiy Bardyla	Weak topologies on topologized semilattices
12:30	Kate Maksymyk	On variants of the bicyclic extended semigroup

**Excursion Day August 4, Saturday**

9:30 – 17:00	Excursion to <a href="#">Kosiv</a> and <a href="#">Sheshory</a>
18:00	Conference Dinner ☺

**August 5, Sunday**

Free Day for walks, mushrooms and swimming

## Program of the Summer School 2018

Szymon Żeberski (chairman)			August 6, Monday	Mikhail Popov (chairman)			August 7, Tuesday
09:20	Vladimir Kadets	Measurable selectors of multifunctions in non-separable spaces 4		09:20	Vladimir Kadets	Measurable selectors of multifunctions in non-separable spaces 5	
10:10	Taras Banakh	On complete topologized semilattices 1		10:10	Taras Banakh	On complete topologized semilattices 2	
11:00	Sergiy Maksymenko	Homotopy properties of spaces of smooth functions on surfaces 1		11:00	Sergiy Maksymenko	Homotopy properties of spaces of smooth functions on surfaces 2	
11:40	<i>Coffee break</i>			11:40	<i>Coffee break</i>		
12:00	Volodymyr Lyubashenko	Cauchy completeness for metric spaces and enriched categories 1		12:00	Rostislav Grigorchuk	Can One Hear the Shape of a Group?	
12:50	Olesia Zavarzina	Non-expansive bijections and EC-plasticity of the unit balls		12:50	Rafael Chiclana Vega	Strongly norm attaining Lipschitz operators	
13:15	Alicia Quedro De La Rosa	Numerical index with respect to an operator		13:15	Óscar Roldán Blay	The Bishop-Phelps-Bollobás property and some related topics	

Excursion Day

August 8, Wednesday

6:00 – 18:00 Trip to the [Khomyak Mountain](#)

Jiří Spurný (chairman)			August 9, Thursday	Taras Banakh (chairman)			August 10, Friday
09:20	Olena Karlova	Fragmentability and related properties		09:20	Volodymyr Lyubashenko	Cauchy completeness for metric spaces and enriched categories 3	
10:10	Sergiy Maksymenko	Homotopy properties of spaces of smooth functions on surfaces 3		10:10	Mikhail Popov	Some open problems of narrow operators	
11:00	Volodymyr Lyubashenko	Cauchy completeness for metric spaces and enriched categories 2		11:00	Ivan Klevchuk	Bifurcation of cycles in parabolic systems of differential equations with weak diffusion	
11:40	<i>Coffee break</i>			11:25	Vita Markitan	Superfractality of an incomplete sums set of a certain positive series	
12:00	Mikhail Popov	An introduction to narrow operators		11:55	<i>Coffee break</i>		
12:50	Alex Ravsky	On old and new classes of feebly compact spaces		12:25	Vasyl Melnyk	Development of Hahn's theorem of intermediate function	
				12:55	Mykhaylo Lukan	R-spaces and uniform limits of sequences of functions	
				13:15	Olena Karlova	The Last Talk at the 13 <sup>th</sup> Summer School	