

Table of contents

| | |
|--|-----------|
| <i>Preface</i> | 13 |
| <i>Organizers</i> | 15 |
| <i>Invited speakers</i> | 17 |
| Plenary talks | 19 |
| Automatic continuity of measurable homomorphisms on Čech-complete topological groups (<i>Taras Banakh</i>) | 20 |
| S and Moore–Mrowka spaces under really not CH (<i>Alan Dow</i>) | 21 |
| Todorčević’ trichotomy and a hierarchy in the class of tame dynamical systems (<i>Eli Glasner</i>) | 22 |
| Ultrafilters and countably compact groups (<i>Michael Hrušák</i>) | 23 |
| Complexity of distances, reducibility and universality (<i>Ondřej Kurka</i>) | 24 |
| Many weak P-sets (<i>Jan van Mill</i>) | 25 |
| On pseudoarc and dynamics (<i>Piotr Oprocha</i>) | 26 |
| On the problem of amenability of groups of maps (<i>Vladimir Pestov</i>) | 27 |
| Amenability, optimal transport and abstract ergodic theorems (<i>Christian Rosendal</i>) | 28 |
| On stability and weight of Lindelöf P -groups (<i>Mikhail Tkachenko</i>) | 29 |

Table of contents

| | |
|---|-----------|
| Generic metrizability (<i>Stevo Todorčević</i>) | 30 |
| Selection principles and omission of intervals (<i>Boaz Tsaban</i>) | 31 |
| Semi-plenary talks | 33 |
| Some hyperspaces of compact convex sets and their orbit spaces (<i>Sergey Antonyan</i>) | 34 |
| Compact spaces associated to Banach lattices (<i>Antonio Avilés</i>) | 35 |
| Model theory in Ramsey theory (<i>Dana Bartošová</i>) | 36 |
| Partitioning the real line into Borel sets (<i>Will Brian</i>) | 37 |
| Entropy of amenable monoid actions (<i>Dikran Dikranjan</i>) | 38 |
| Hyperspaces of Erdős space (<i>Rodrigo Hernández-Gutiérrez</i>) | 39 |
| Embeddings of the pseudo-arc into some spaces (<i>Alejandro Illanes</i>) | 40 |
| The double density spectrum of a topological space (<i>István Juhász</i>) | 41 |
| Baire-one functions on topological spaces: some recent results and open questions (<i>Olena Karlova</i>) | 42 |
| New applications of Ψ -spaces in analysis (<i>Piotr Koszmider</i>) | 43 |
| The generic continuum approximated by finite graphs with confluent epimorphisms (<i>Aleksandra Kwiatkowska</i>) | 44 |
| Catching sequences with ideals (<i>Alexander Shibakov</i>) | 45 |

| | |
|---|-----------|
| Selective properties of products of Fréchet–Urysohn spaces (<i>Lyubomyr Zdomskyy</i>) | 46 |
| Contributed talks | 47 |
| When is a quasi-uniformly continuous real-valued function on a quasi-uniform space bounded? (<i>Collins Amburo Agyingi</i>) | 48 |
| On the category of probabilistic topological convergence groups (<i>T. M. G. Ahsanullah</i>) | 49 |
| On completeness and topologizability of countable semigroups (<i>Serhii Bardyla</i>) | 50 |
| Hereditarily indecomposable continua as Fraïssé limits (<i>Adam Bartoš</i>) | 51 |
| Scattered P-spaces of weight ω_1 (<i>Wojciech Bielas</i>) | 52 |
| Some formulas for uniform spaces (<i>Altai Borubaev</i>) | 53 |
| A proof of the Tree Alternative Conjecture for the Topological Minor Relation (<i>Jorge Bruno</i>) | 54 |
| On the existence of isovariant extensors for actions of locally compact groups (<i>Alexander Bykov</i>) | 55 |
| On the cardinality of a power homogeneous compactum (<i>Nathan Carlson</i>) | 56 |
| Generalized Ważewski dendrites as projective Fraïssé limits (<i>Alessandro Codenotti</i>) | 57 |
| Characterization of (semi-)Eberlein compacta using retractional skeletons (<i>Marek Cúth</i>) | 58 |
| Generating subgroups of the circle using density functions (<i>Pratulananda Das</i>) | 59 |

Table of contents

| | |
|---|----|
| Embedding of the Higson compactification into the product of adelic solenoids (<i>Alexander Dranishnikov</i>) | 60 |
| Planar absolute retracts and countable structures (<i>Jan Dudák</i>) | 61 |
| Separable reductions, rich families and projectional skeletons in non-separable Banach spaces (<i>Marián Fabian</i>) | 62 |
| Box and nabla products that are D -spaces (<i>Paul Gartside</i>) | 63 |
| Universal flows revisited (<i>Stefan Geschke</i>) | 64 |
| On some relative versions of Menger and Hurewicz properties (<i>Davide Giacopello</i>) | 65 |
| On some results about cardinal inequalities for topological spaces (<i>Ivan S. Gotchev</i>) | 66 |
| Closure spaces, countable conditions and the axiom of choice (<i>Gonçalo Gutierres</i>) | 67 |
| A Banach space $C(K)$ reading the dimension of K (<i>Damian Głodkowski</i>) | 68 |
| Digital-topological k -group structures on digital objects (<i>Sang-Eon Han</i>) | 69 |
| Ramsey theorem for trees with successor operation (<i>Jan Hubička</i>) | 70 |
| Periodicity of solenoidal automorphisms (<i>Faiz Imam</i>) | 71 |
| On σ -metacompact function spaces (<i>Heikki Junnila</i>) | 72 |
| Topologies related to (I)-envelopes (<i>Ondřej F. K. Kalenda</i>) | 73 |
| Selections principles in uniform topology (<i>Bekbolot E. Kanetov</i>) | 74 |

| | |
|--|----|
| On μ -completeness of uniform spaces and uniformly continuous mappings (<i>Dinara E. Kanetova</i>) | 75 |
| On a generalization of the selection theorem for \mathcal{C} -spaces (<i>Dzmitry Kazhamiakin</i>) | 76 |
| Tame locally convex spaces (<i>Matan Komisarchik</i>) | 77 |
| Big Ramsey degrees and infinite languages (<i>Matěj Konečný</i>) | 78 |
| Recognizing the topologies on subspaces of L^p -spaces on metric measure spaces (<i>Katsuhisa Koshino</i>) | 79 |
| Arbitrarily large countably compact free Abelian groups (<i>Matheus Koveroff Bellini</i>) | 80 |
| The Menger property is l -invariant (<i>Mikołaj Krupski</i>) | 81 |
| Δ -spaces X and distinguished spaces $C_p(X)$ (<i>Arkady Leiderman</i>) | 82 |
| Some compact-type and Lindelöf-type relative versions of star-covering properties (<i>Fortunato Maesano</i>) | 83 |
| Descriptive complexity in number theory and dynamics (<i>Bill Mance</i>) | 84 |
| On zero-dimensional subspaces of Eberlein compacta and a characterization of ω -Corson compacta (<i>Witold Marciszewski</i>) | 85 |
| Orderable groups and semigroup compactifications (<i>Michael Megrelishvili</i>) | 86 |
| On the additivity of strong homology for locally compact second countable spaces (<i>Justin Moore</i>) | 87 |
| Some topological properties of the N_τ^φ -nucleus of a space X (<i>Farkhod G. Mukhamadiev</i>) | 88 |

Table of contents

| | |
|---|-----|
| The pseudo-means of the pseudo-arc (<i>Emanuel R. Márquez</i>) | 89 |
| On uniform real complete spaces (<i>Guliza Namazova</i>) | 90 |
| ZFC solution to 9 problems of Tkachuk on functional countability (<i>Peter Nyikos</i>) | 91 |
| On entropies in quasi-metric spaces (<i>Olivier Olela Otafudu</i>) | 92 |
| Continuity with or without ideal (<i>Aleksandar Pavlović</i>) | 93 |
| Minimal non-trivial closed hereditary coreflective subcategories in categories of topological spaces (<i>Veronika Pitrová</i>) | 94 |
| The topological end space problem (<i>Max Pitz</i>) | 95 |
| Ideal boundedness of series vs Banach spaces possessing a copy of c_0 (<i>Michał Popławski</i>) | 96 |
| Big Ramsey degrees in the metric context (<i>Noé de Rancourt</i>) | 97 |
| Continuity in right semitopological groups and semineighbourhoods of the diagonal (<i>Evgenii Reznichenko</i>) | 98 |
| An Asplund space with norming M-basis that is not WCG (<i>Tommaso Russo</i>) | 99 |
| The properties of tightness type of space of the permutation degree (<i>Anvar K. Sadullaev</i>) | 100 |
| Weak* derived sets (<i>Zdeněk Silber</i>) | 101 |
| Čech and Katětov covering dimensions and more or less related questions concerning F -groups (<i>Olga Sipacheva</i>) | 102 |

| | |
|---|------------|
| Cook continua as a tool in topological dynamics (<i>Lubomír Snoha</i>) | 103 |
| Structure of groups of order-preserving homeomorphisms of product spaces with lexicographic order and their compactifications (<i>Boris Sorin</i>) | 104 |
| Countable tightness and the Grothendieck property in $C_p(X)$; other recent results (<i>Franklin D. Tall</i>) | 105 |
| Some pseudocompact-like properties in certain topological groups (<i>Juliane Trianon-Fraga</i>) | 106 |
| On a new problem of complexity theory arising from Galois–Tukey connections (<i>Peter Vojtáš</i>) | 107 |
| On sequentiality of Polish topologies (<i>Jindřich Zapletal</i>) | 108 |
| An embedded circle into \mathbb{R}^3 might not be able to escape before an isotoped linked circle (<i>Andreas Zastrow</i>) | 109 |
| The large-scale geometry of LCA groups (<i>Nicolò Zava</i>) | 110 |
| On convex structures in quasi metric spaces (<i>Mcedisil Sphiwe Zweni</i>) | 111 |
| Posters | 113 |
| Convex realizations of neural codes in one dimension (<i>Karthika Arumugam</i>) | 114 |
| Projections of almost connected groups as G-fibrations (<i>Aura Lucina Kantun-Montiel</i>) | 115 |
| On dense sets of products of spaces (<i>Anatoly Grzlov</i>) | 116 |
| Index | 117 |
