

RESEARCH

I. PUBLICATIONS

1. [Homogeneous locally compact spaces, submitted.](#)
2. [Homogeneous spaces not separated by arcs \(with A. Karashev\), preprint.](#)
3. [Local structure of homogeneous ANR-spaces submitted.](#)
4. [Strongly locally homogeneous generalized continua of finite cohomological dimension, Topology and its Appl. 348 \(2024\) 108888 \(with A. Karashev, P. Krurski and V. Todorov\).](#)
5. [Separation of homogeneous connected locally compact spaces, Proc. Amer. Math. Soc. Series B 11 \(2024\), 36-46.](#)
6. [Proper absolute extensors, Topology Proc. 63 \(2024\), 107-115. MR4634395](#)
7. [Extending homeomorphisms on Cantor cubes, Topology and its Appl. 340 \(2023\), paper No. 108718. \(with E. Shchepin\). MR](#)
8. [On homogeneity of \$N_\tau\$, Topology and its Appl. 329 \(2023\), paper No. 108380 \(with A. Karashev and E. Shchepin\). MR4566918](#)
9. [On homogeneity of Cantor cubes, Canadian Math. Bull. 64 \(4\), 1084-1090. \(with E. Shchepin\). MR](#)
10. [Homological characterizations of \$Q\$ -manifolds and \$l_2\$ -manifolds, Fund. Math. 259 \(2022\), 255 - 269 \(with A. Karashev\). MR4502094.](#)
11. [On \$Q\$ -manifolds bundles, Topology and its Appl. 311 \(2022\), 107967 \(with J. West\) MR4403133](#)

12. On quasi k -metrizable spaces, *Topology and its Appl.* 281 (2020), 107199.
[MR4174599](#)
13. Homogeneous metric ANR-compacta, *Serdica Math. J.* 46 (2020), 1-18. [MR4124057](#)
14. Spectral representations of topological groups and near-openly generated groups, *Mat. Sbornik* 211:2 (2020), 106-124 (with K. Kozlov). [MR4070046](#)
15. Actions of semitopological groups, *Canad. Math. Bull.* 62 (2019), no. 2, 441-450 (with Jan van Mill). [MR3952531](#)
16. On homologically locally connected spaces, *Topology Appl.* 260 (2019), 57-69 (with A. Koyama). [MR3934912](#)
17. Homogeneous continua that are not separated by arcs, *Acta Math. Hungar.* 157 (2019), 364-370 (with Jan van Mill). [MR3928779](#)
18. Ranks and the approximate n -th root property of C^* -algebras, *Topological algebras and their applications*, 275-293, De Gruyter Proc. Math., De Gruyter, Berlin, 2018. [MR3793879](#)
19. Linear extension operators of bounded norms, *J. Math. Anal. Appl.* 446 (2018), 952-960 (with D. Shakhmatov and T. Yamauchi). [MR3818154](#)
20. I -favorable spaces: Revisited, *Topology Proc.* 51 (2018), 277-292. [MR3978641](#)
21. Homological dimension and dimensional full-valuedness, *Serdica Math. J.* 44 (2018), 93-102. [MR3889572](#)
22. Local homological properties and cyclicity of homogeneous ANR compacta, *Proc. Amer. Math. Soc.* 146 (2018), 2697-2705. [MR3778169](#)
23. Homological dimension and homogeneous ANR spaces, *Topology and its Appl.* 221 (2017), 38-50. [MR3624443](#)
24. Parametric set-wise injective maps, *Topology and its Appl.* 231 (2017), 337-344 (with E. Matsushashi). [MR3712979](#)

25. Homological selections and fixed-point theorems, Journal of Fixed Point Theory and Applications 19 (2017), 1561–1570. MR3659023
26. Game theoretic approach to skeletally Dugundji and Dugundji spaces (with A. Kucharski and Sz. Plewik), Topology and its Appl. 201 (2016), 206–216. MR3461165
27. Local cohomological properties of homogeneous ANR compacta, Fund. Math. 233 (2016), 257–270. MR3480120
28. Locally n -connected compacta and UV_n -maps, Anal. Geom. Metr. Spaces 3 (2015), 93–110. MR3343668
29. Skeletally generated spaces and absolutes, Top. Proc. 45 (2015), 63–71. MR3173794
30. On separating sub-additive maps, Turkish J. Math. 39 (2015), 168–173. MR3311682
31. Alexandroff type manifolds and homology manifolds, Houston Math J. 40 (2014), 1325–1346 (with V. Todorov). MR3298753
32. Homogeneous ANR and Alexandroff manifolds, Topology and its Appl. 173 (2014), 227–233. MR3227218
33. A selection theorem for set-valued maps into normally supercompact spaces, Bull. Acad. Stiinte Rep. Moldova 2(72)-3(73 (2013), 99–105. MR3241479
34. On generalized Alexandroff manifolds and homogeneous continua, (with A. Karassev and V. Todorov), Can. Math. Bull. 57(2) (2014), 335–343. MR3194180
35. Averaging operators and set-valued maps, Mathematica Balkanica, 27(3-4) (2013), 135–149.
36. Skeletally Dugundji space, Central Europ. J. Math. 11 (2013), 1949–1959. (with A. Kucharski and Sz. Plewik). MR3092790
37. Functional extenders and set-valued retractions, J. Math. Anal. Appl. 399 (2013), 306–314 (with R. Alkins). MR2993856

38. [On a theorem of Arvanitakis, Mathematica 59 \(2013\), 250–256. MR3028182](#)
39. [Generalized Cantor manifolds and indecomposable continua, Question and Answers in Gen. Topol. 30 \(2012\), 93–102 \(with V. Todorov\). MR3014523](#)
40. [Embeddings of finite-dimensional compacta in Euclidean spaces, Topology and its Appl., 159 \(2012\), 1670–1677. \(with S. Bogataya and S. Bogatyi\). MR2904053](#)
41. [Special embeddings of finite-dimensional compacta in Euclidean spaces, Topology and its Appl. 159 \(2012\), 2269–2273 \(with S. Bogatyi\). MR2921816](#)
42. [Generalized Cantor manifolds and homogeneity, Houston J. Math. 38:2 \(2012\), 583–609 \(with A. Karassev, P. Krupski and V. Todorov\). MR2954653](#)
43. [Another approach to parametric Bing and Krasinkiewicz maps, Math. Balkanica 25:4 \(2011\), 419–423. MR2961642](#)
44. [Mazurkiewicz manifolds and homogeneity, Rocky Mount. J. Math. 41:6 \(2011\), 1933–1938 \(with P. Krupski\). MR2854744](#)
45. [Maps with dimensionally restricted fibers, Coll. Math. 123:2 \(2011\), 239–248. MR2811176](#)
46. [Very I-favorable spaces, Topology and its Appl. 158 \(2011\), 1453–1459 \(with A. Kucharski and Sz. Plewik\). MR2812495](#)
47. [External characterization of I-favorable spaces, Mathematica Balkanica 25:1-2 \(2011\), 61–78. MR2848574](#)
48. [Extenders and \$\kappa\$ -metrizable compacta, Math. Notes 89:3 \(2011\), 331–341. MR2856714](#)
49. [Parametric Bing and Krasinkiewicz maps: revisited, Proceedings Amer. Math. Soc. 139:2 \(2011\), 747–756. MR2736353](#)

50. Krasinkiewicz spaces and parametric Krasinkiewicz maps, Houston J. Math. 36:4 (2010), 1207–1220 (with E. Matsuhashi). MR2753741
51. Linear operators with compact supports, probability measures and Milyutin maps, J. Math. Anal. Appl., 370:1 (2010), 132–145. MR2651135
52. Approximation by light maps and parametric Lelek maps, Topology and its Appl. 157 (2010), 2325–2341 (with T. Banakh). MR2674029
53. Spaces having fibred approximation property in dimension n , Central Europ. J. Math. 8:3 (2010), 411–420 (with T. Banakh). MR2653650
54. Finite-to-one maps into Euclidean manifolds and spaces with disjoint disks properties, Topol. and its Appl. 157:4 (2010), 779–788 (with A. Karashev and M. Tuncali). MR2585411
55. Open maps having the Bula property, Fund. Math. 205:2 (2009), 91–104 (with V. Gutev). MR2545446
56. Sections, selections and Prohorov's theorem, J. Math. Anal. Appl. 360:2 (2009), 377–379 (with V. Gutev). MR2561236
57. A non-separable Christensen's theorem and set tri-quotient maps, Topology and its Appl. 156:7 (2009), 1234–1240 (with J. Pelant and S. Nedev). MR2501999
58. Probability measures and Milyutin maps, J. Math. Anal. Appl. 350:2 (2009), 723–730. MR22474807
59. Parametric Bing and Krasinkiewicz maps, Topology and its Appl. 155:8 (2008), 916–922. MR2406399
60. Dimension-raising theorems for cohomological and extension dimension, Topology and its Appl. 155:17–18 (2008), 2090–2101 (with G. Skordev). MR2457994
61. Dimension of maps, universal spaces, and homotopy, J. Math. Sci. 155:4 (2008), 573–625 (with A. Karashev). MR2731967

62. Topology in North Bay: some problems in continuum theory, dimension theory and selections, in: Open Problems in Topology II (E. Pearl ed.), Elsevier 2007, 703–716 (with A. Karassev and M. Tuncali).
63. Extension dimension and quasi-finite CW-complexes, Topology and its Appl. 153:17 (2006), 3241–3254 (with A. Karassev). MR2260582
64. On intersection of simply connected sets in the plane, Glasnik Matematički. Ser. III 41:1 (2006), 159–163 (with E. Tymchatyn). MR2242399
65. Universal absolute extensors in extension theory, Proc. Amer. Math. Soc. 134:8 (2006), 2473–2478 (with A. Karassev). MR2213722
66. Extraordinary dimension of maps, Topology and its Appl. 153:10 (2006), 1586–1592 (with A. Chigogidze). MR2216122
67. Roberts' type theorems on dimension and conversion of the transversal Tverberg's theorem, Sb. Math. 155:11-12 (2005), 1585–1603 (with S. Bogatyı). MR2216009
68. On regularly branched maps, Topology and its Appl. 150:1-3 (2005), 213-221 (with M. Tuncali). MR2133680
69. On C^* -algebras with the approximate n -th root property, Bull. Austral. Math. Soc. 72:2(2005), 197–212 (with A. Chigogidze, A. Karassev and K. Kawamura). MR2183403
70. Extensional dimension and completion of maps, Topology Proc. 29:1 (2005), 377–384 (with M. Tuncali and E. Tymchatyn). MR2182942
71. On finite-to-one maps, Canadian J. Math. 48:4 (2005), 614–621 (with M. Tuncali). MR2176159
72. Bounded rank of C_* -algebras, Topology and its App. 140 (2004), 163-180 (with A. Chigogidze). MR2074914
73. On finite-dimensional maps, Tsukuba J. Math. 28 (2004), 155-167 (with M. Tuncali).

MR2082227

74. Dense families of selections and finite-dimensional spaces, Set-Valued Analysis 11 (2003), 373-391 (with V. Gutev). MR2010098
75. On finite-dimensional maps II, Topology and its App. 132 (2003), 81-87 (with M. Tuncali). MR1990081
76. On Q , Q_M and Q^*_M -algebras, Annals Soc. Mathematicae Polonae, Series 1: Commentationes Math. 42 (2002), 137-143 (with H. Arizmendi and A. Carrilo-Hoyo). MR1949632
77. C^* -algebras of infinite real rank, Bull. Australian Math. Soc. 66 (2002), 487-496 (with A. Chigogidze). MR1939209
78. On dimensionally restricted maps, Fund. Math. 175:1 (2002), 35-52 (with M. Tuncali). MR1971237
79. Continuous selections and finite C -spaces, Set-Valued Analysis 10:1 (2002), 37-51. MR1888455
80. The extension dimension and C -spaces, Bull. London Math. Soc. 34 (2002), 708-716 (with A. Chigogidze). MR1924198
81. Continuous selections and C -spaces, Proc. Amer. Math. Soc. 130:1 (2002), 233-242 (with V. Gutev). MR1855641
82. Extension dimension and refinable maps, Acta Math. Hungarica 92:3 (2001), 185-194 (with A. Chigogidze). MR1924237
83. Universal metric spaces and extension dimension. Topology and its Appl. 113:1-3 (2001), 22-27 (with A. Chigogidze). MR1821843
84. Generalized tri-quotient maps and Cech-completeness, Comment. Math. Univ. Carolinae 42:1 (2001), 187-194 (with T. Dube). MR1825382
85. Barreled and bornological function spaces, J. Math. Analysis and Appl. 242:1 (2000), 1-17 (with J. Dontchev and S. Salbany). MR1738486

86. Lindelöf of degrees and function spaces, in: Papers in Honour of Bernhard Banaschewski (Cape Town 1996), 475-483, Kluwer Acad. Publ., Dordrecht, 2000 (with D. Vuma). MR1799770
87. Some characterizations of Q -algebras, Annals Soc. Mathematicae Polonae, Series 1: Commentationes Math. 39 (1999), 11-21 (with H. Arizmendi). MR1739013
88. Spaces of bounded functions, Houston J. Math. 25:3 (1999), 501-521. MR1730884
89. Function spaces and Dieudonné completeness, Quaestiones Mathematicae 21 (1998), 303-309 (with D. Vuma). MR1701773
90. Function spaces, Topology and its Appl. 81 (1977), 1-22. MR1477130
91. Spaces of bounded functions with the compact open topology, Bull. Acad. Polish Sci. 45:2, (1997), 171-179. MR1466842
92. A characterization of Dugundji spaces via set-valued maps, Topology and its Appl. 74:1-3 (1996), 109-121 (with D. Shakhmatov). MR1425931
93. Classical-type characterizations of non-metrizable $ANE(n)$ -spaces, Fund. Math. 145 (1994), 243-259 (with V. Gutev). MR1297407
94. Set-valued maps and $AE(0)$ -spaces, Topology and its Appl. 55:1 (1994), 1-15 (with A. Chigogidze). MR1255293
95. Linear topological classifications of certain function spaces II, Mathematica Pannonica 4:1 (1993), 137 - 144. MR1226179
96. Cantor set selectors, Topology and its Appl. 44:1-3 (1992), 163 - 166 (with V. Gutev, S. Nedev and J. Pelant). MR1173253
97. Surjective characterizations of metrizable LC_∞ -spaces, Annuaire de L' Université de Sofia "St. Kliment Ohridski", livre 1 - Mathematics, 85 (1991), 43 - 47. MR1294260

98. Linear topological classifications of certain function spaces, Trans. Amer. Math. Soc. 327:2 (1991), 583 - 600. MR1079059
99. Universal maps and surjective characterizations of completely metrizable LC_n -spaces, Proc. Amer. Math. Soc. 109:4 (1990), 1125 - 1133 (with A. Chigogidze). MR1009987
100. The weight of compact retracts, Vestnik Moskov. Univ., Ser. Mat. 4 (1988), 96-97 (with S. Bogatyi) (in Russian). MR0972731
101. Selection theorems for $AE(n)$ -spaces, Comp. rend. Acad. Bulg. Sci. 41:5 (1988), 11-12 (with V. Gutev). MR0952201
102. Yet another characterization of $AE(0)$ -spaces, Proc. of the Seventeenth Spring Conference of the Union of Bulgarian Mathematicians. Sunny Beach, April 6-9 (1988), 147-150.
103. Set-valued maps and $AE(0)$ -spaces, Comp. rend. Acad. Bulg. Sci. 41:4 (1988), 13-14 (with A. Chigogidze). MR0948061
104. Universal maps and surjective characterizations of completely metrizable LC_n -spaces, Comp. rend. Acad. Bulg. Sci. 41:5 (1988), 9-10 (with A. Chigogidze). MR0952200
105. Another characterization of $AE(0)$ -spaces, Pacif. J. Math. 127:1 (1987), 199-208. MR0876026
106. Milyutin mappings and $AE(0)$ -spaces, Comp. rend. Acad. Bulg. Sci. 40:11, (1987), 9-12. MR0926537
107. Some properties of $C_p(X)$, Commentationes Math. Univ. Carolinae 27:4 (1986), 665-672. MR0874659
108. Some characterizations of the spaces with a lattice of d -open mappings, Comp. rend. Acad. Bulg. Sci. 39:9 (1986), 9-12. MR0875932

109. A note on spaces with lattices of d -open mappings, Comp. rend. Acad. Bulg. Sci. 39:8 (1986), 9-12. MR0868702
110. Some properties of selectors, Comp. rend. Acad. Bulg. Sci. 38:12 (1985), 1593-1596 (with S. Nedev). MR0837259
111. Normal selectors for the normal spaces, Comp. rend. Acad. Bulg. Sci. 37:7 (1984), 843-846 (with S. Nedev). MR0770978
112. On the spaces which have a τ -lattice of open mappings, Serdica 10 (1984), 159-165. MR0768692
113. On metrizability of selectors, Comp. rend. Acad. Bulg. Sci. 36:11 (1983) 1363-1366 (with S. Nedev). MR0737606
114. The weight of compacta with lattices of open mappings, Pliska 6 (1983), 63-74 (in Russian). MR0745611
115. Free groups of topological spaces, Comp. rend. Acad. Bulg. Sci. 34:8 (1981), 1049-1053 (with B. Pasynkov) (in Russian). MR0639638
116. Factorization theorems, Proceedings of the Ninth Spring Conference of the Union of Bulg. Mathematicians. Sunny Beach, April 3-6 (1980), 21-24 (in Bulgarian).
117. The power of bicomacta with lattices of open maps, Comp. rend. Acad. Bulg. Sci. 32:8 (1979), 1005-1006 (in Russian). MR0557249
118. A certain theorem of Michael on sections, Comp. rend. Acad. Bulg. Sci. 28:7 (1975), 871-873 (with M. Choban) (in Russian). MR0385802
119. Book: General position properties in Fiberwise Geometric Topology, Dissertation Math. 491, Warszawa 2013, 120 p. (with T. Banakh) MR3112785.

II. RESEARCH TALKS AND VISITS

(Note: The Invited talks and visits are marked by an Asterix.)

Mathematics days in Sofia, July 10-14, 2023, Sofia, Bulgaria.

Talk: Homogeneous ANR-spaces*.

Mathematics days in Sofia, July 10-14, 2023, Sofia, Bulgaria.

Talk: Separation of homogeneous continua.

International Conference on Topology and its Applications, July 3-10, 2023, Nafpactos, Greece.

Talk: Local structure of homogeneous ANR-spaces.

36 Summer Topology Conference, July 18-22, 2022, University of Vienna, Austria.

Talk: Extending homeomorphisms on Cantor cubes II, jointly with E. Shchepin.

2022 Canadian Mathematical Society Summer Meeting, June 3-6, 2022, Memorial University, St. John's, Newfoundland.

Talk: On homogeneity of Cantor cubes*, jointly with E. Shchepin.

International Conference on Topology and its Applications dedicated to the 100th anniversary of the birthday of Yu. M. Smirnov, September 20-21, 2021, Moscow, Russia.

Talk: Extending homeomorphisms on Cantor cubes*, jointly with E. Shchepin.

15-th International Workshop on Well-Posedness of Optimization Problems and Related Topics, June 28 - July 2, 2021, Borovets, Bulgaria.

Talk: Homological characterization of Q -manifolds and l_2 -manifolds*.

Conference on Geometric Topology and Related Topics dedicated to the 65th birthday of S. Antonyan, December 9-12, 2019, Mazatlan, Sinaloa, Mexico.

Talk: Homological selections and fixed points*.

45th International Conference on Applications of Mathematics in Engineering and Economics, June 7-13, 2019, Sozopol, Bulgaria.

Talk: Homogeneous finite-dimensional metric compacta*.

International Conference on Topological Algebra and Set-Theoretic Topology dedicated to Professor A. V. Arhangel'skii's 80th birthday, August 23-28, 2018, Moscow, Russian Federation.

Talk: Spectral representation of topological groups and near-openly generated groups*.

International Conference on Topology and its Applications, July 7-11, 2018, Nafpactos, Greece.

Talk: Homogeneous ANR compacta*.

Mathematical Congress of the Americas, July 24-28, 2017, Montreal.

Talk: Homogeneous finite-dimensional metric compacta*.

Mathematics days in Sofia, July 10-14, 2017, Sofia.

Talk Spectral representations of topological groups*.

Moscow State University: June 8-22, 2016.

Talk: Homological selections and fixed point theorems*.

Conference on Topology and its Applications in memory of St. Nedev (1942- 2015), Sofia, June 6-8, 2016.

Talk: Homogeneous metric ANR compacta*.

Matsuyama University, Matsuyama, Japan, April 27 - May 2, 2016.

Talk: Homological selections and fixed point theorems*.

Matsue University, Matsue, Japan, April 6-27, 2016.

Talk: Homogeneous metric ANR compacta*.

Waseda University, Tokyo, Japan, April 3-6, 2016.

Talk: Homological properties of homogeneous ANR compacta*.

College of Staten Island/ City University of New York, May 13, 2015.

Talk: Alex Chigogidze and his mathematical legacy* (jointly with A. Dranishnikov)

Mathematical conference Maths Days in Sofia, Sofia, Bulgaria, July 7-10, 2014.

Talk: Local properties of homogeneous ANR compacta*.

International Conference on Topological Algebras and their Applications, Dominican Republic, May 26-30, 2014.

Talk: Separating sub-additive maps*.

4th Waseda Geometric Topology Workshop, September 9-10, 2013, Tokyo.

Talk: Homogeneous compacta and manifolds*.

International Conference on Topology and Geometry 2013, joint with the Sixth Japan-Mexico Topology Symposium, Matsue, Japan, September 2-6.

Talk: Generalized Cantor manifolds.

Topological Methods in Analysis and Optimization (dedicated to the 70-th birthday of Prof. Petar Kenderov), June 10-13, 2013, Sofia, Bulgaria.

Talk: Homogeneous compacta and generalized manifolds*.

International Conference on Topological Algebras and Applications (dedicated to the 70th birthday of Professor Mati Abel), May 30- June 2, 2013, Tartu, Estonia.

Talk: Functional extenders*.

Research Conference of the Israel Science Foundation "Interaction between Logic, Topological structures and Banach spaces theory", Eilat, May 19-24, 2013, Israel.

Talk: Alexandroff manifolds and homogeneous compacta*.

Third International Conference on Topology and its Applications, 2-7 September, 2012, Skopje, Republic of Macedonia.

Talk: Homogeneous ANR and Alexandroff manifolds*.

International Conference on Applied and Industrial Mathematics dedicated to Mitrofan Choban, August 22-25, 2012, Tiraspol State University, Republic of Moldova.

Talk: Homogeneous compacta*.

International conference "Alexandroff Readings", Moscow State University, May 21-25, 2012, Moscow, Russia.

Talk: Cantor manifolds and homogeneity*.

International conference in honor of E. Schepin on the occasion of his 60th birthday, October 15-16, 2011, Oaxaca, Mexico. Talk: Selections and extenders*.

International Conference Japan-Mexico on Topology and its Applications, September 27- October 1, 2010, Colima, Mexico. Talk: Bing and Krasinkiewicz maps.

Conference "Analysis, Topology and Applications 2010", Vrnjacka Banja, Serbia, June 20-25. Talk: Kappa-metrizable compacta and I -favorable spaces.

2010 International Conference on Topology and its Applications, June 26-30, 2010, Nafpaktos, Greece. Talk: Parametric Bing and Krasinkiewicz maps:revisited.

Algebra meets Topology: Advances and Applications, Conference in honour of Dikran Dikranjan on his 60th birthday, July 19-23, 2010, Barcelona, Spain.

Talk: Linear operators with compact supports, probability measures and Milyutin maps*.

Research visit to University of Kwazulu-Natal, Durban, South Africa, August 26- September 6, 2009.

Talks: Parametric Bing and Krasinkiewicz maps and Linear operators with compact supports and probability measures*.

Research visit* at the Faculty of Mathematics and Informatics, University of Sofia, Bulgaria, June 20 - July 20, 2009.

International Topological Conference, Lviv, Ukraine, May 26 -June 7, 2008. Talk: Selections and parametrizations*.

Advances in Set-Theoretic Topology, Erice, Italy, June 9-19, 2008. Talk: Generalized Cantor manifolds and homogeneity.

Research visit* at the Center of Complex Systems and Visualization, University of Bremen, Bremen, Germany, May 25- June 5, 2007.

Jubilee International Conference 60 years Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, July 6-8, 2007, Sofia, Bulgaria.

Talk: Generalized Cantor manifolds and homogeneity*.

University of Kwazulu-Natal, Durban, South Africa, October 12, 2006. Talk: Parametric Bing maps*.

University of Kwazulu-Natal, Pietermaritzburg, South Africa, October 13, 2006.

Talk: Dimension raising theorems for cohomological and extension dimensions*.

Center of Complex Systems and Visualization, University of Bremen, Bremen, Germany, June 3- 22, 2006. Talk: Dimension theory: historical overview and some important results*.

Conference dedicated to the 50th birthday of M. Ganster, June 17-19, 2006, Technical University of Graz, Graz, Austria.

Talk: Parametric general position properties and embeddings of n -dimensional maps into trivial bundles*.

2006 International Conference on Topology and its Applications, June 23-26, Aegion, Greece. Talk: Dimension-raising maps theorems.

International Conference "Pioneers of Bulgarian Mathematics", University of Sofia, July 8-10, 2006, Sofia, Bulgaria. Talk: Parametric General position Properties*.

40th Spring Topology and Dynamical Systems Conference, March 23-25, 2006, University of North Carolina at Greensboro, Greensboro, USA.

Talk: On the Hurewicz dimension-raising maps theorems.

Faculty of Mathematics and Informatics, Sofia University, July 2005, Sofia, Bulgaria.

Talk: Ranks and approximate properties of C^* -algebras*.

International Conference and Workshops on Geometric Topology honoring Karol Borsuk life and work on the 100th anniversary of his birth, 3-10 July, 2005, Bedlewo, Poland.

Talk: On finite-dimensional maps.

5th International Conference on Topological Algebras and Applications, June 27- July 1, 2005, Athens, Greece. Talk: C^* -algebras with approximate n -th root property*.

Regional South African Mathematical Society Conference "Topology and Analysis in Applications", 12-16 July, 2004, Durban, South Africa. Talk: Quasi-finite CW-complexes*.

CMS/CAIMS Joint Summer Meeting, Dalhousie University, Halifax, Nova Scotia, June 13 - 15, 2004. Talk: Extension dimension of maps between metrizable spaces*.

Annual National Congress of the Sociedad Matemática Mexicana, Universidad Autónoma del Estado de Hidalgo, Pachuca, Mexico, October 12 - 17, 2003. Talk: Topological ranks of C^* -algebras*.

Spring Topology and Dynamical Systems Conference, Texas Tech University, Lubbock, Texas, March 20 - 22, 2003. Talk: Mapping theorems for covering and extensional dimension*.

2002 AMS Spring Eastern Section Meeting, Montreal, Quebec, Canada, May 3-5, 2002. Talk: Selection theorems and dimension*.

Topology Seminar, Department of Mathematics, York University, Toronto, January 16-18, 2002.

Talk: Continuous Selections*.

Geometric Topology Session, CMS Summer Meeting, June 2-4, 2001, University of Saskatchewan. Selections and finite-dimensional spaces*.

Institute of Mathematics, Bulgarian Academy of Sciences, August 31, 2001.

Continuous selections and applications*.

III. RESEARCH AWARDS

2019 – 2024 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 15,000 per year).

2013 - 2018 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 11,000 per year).

2010 Chancellor's Award for Excellence in Research

2008 – 2013 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 12,000 per year).

2004 – 2007 Nipissing University Research Achievement Award (three years internal research grant, CD 5000).

- 2003 – 2008 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 8500 per year).
- 1997 – 2000 Third World Academy of Sciences (TWAS) Grant for travel and research. My visit to the Mathematical Institute of the National Autonomous University of Mexico during the period June - July 1998 was supported by TWAS.
- 1990 British Council research support to visit Oxford University during the period November 1990.
- 1979 Award for young researchers - Faculty of Mathematics and Informatics, Sofia University.