<div align="center">

Curriculum Vitae

May 2024

</div>

Primož Potočnik,
Faculty of Mathematics and Physics,
University of Ljubljana, Jadranska 19,
SI-1000 Ljubljana, Slovenia
E-mail: primoz.potocnik@fmf.uni-lj.si

Citizenship: Republic of Slovenia.

Education, Scientific Degrees and Academic Titles:

- 2000, Ph. D., University of Ljubljana.
  (Thesis: Graph Symmetries and Group Actions;
  advisor: Prof. Dragan Marušič.)

- 1998, M. Sc. in Mathematics, University of Ljubljana.
  (Thesis: Some Classical Results on Permutation Groups;
  advisor: Prof. Dragan Marušič.)

- 1995, B. Sc. in Mathematics, University of Ljubljana.
  (Thesis: Vertex-transitive Graphs Which Are Not Cayley;
  advisor: Prof. Dragan Marušič.)

Work Experience:

- October 2012 – present: Full Professor,
  Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, Slovenia.

- October 2007 – 2012: Associate Professor,
  Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, Slovenia.

- October 2005 – September 2007: Lecturer,
  Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, Slovenia.

- September 2004 – September 2005: Postdoctoral Fellow,
  The University of Auckland – Department of Mathematic, Auckland, New Zealand.

- August 2003 – January 2004: Postdoctoral Fellow,
  University of Ottawa – Department of Mathematics and Statistics, Ottawa, Canada.

- September 2002 – present: Adjoint Research Fellow,
  Institute of Mathematics, Physics and Mechanics, University of Ljubljana, Slovenia.

- October 2001 – August 2002: Assistant Professor,
  Faculty of Education – Department of Mathematics and Computer Science, University of Ljubljana, Slovenia.

- December 1995 – September 2001: Sessional Lecturer,
  Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, Slovenia.

Research Interests:

  Algebraic combinatorics, permutation groups, graph theory.

Administration:

- Member of the *Council of the European Mathematical Society*, 2018–2022, 2024-
- President of the *Society of Mathematicians, Physicists and Astronomers of Slovenia*, 2022–2024.
- Head of Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, 2017–2019.
- Vice-Dean For Teaching, Faculty of Mathematics and Physics, University of Ljubljana, 2017–2019.
- Deputy Head of Department of Mathematics, Faculty of Mathematics and Physics, University of Ljubljana, 2007–2009.

Member of editorial board:

- Discrete Mathematics (member of the editorial board, since 2020),
- Ars mathematica contemporanea (member of the editorial board) since 2012, `https://amc-journal.eu/index.php/amc/issue/archive`,`http://amc.imfm.si/index.php/amc`
- The art of discrete and applied mathematics (member of the editorial board) since 2018, `https://adam-journal.eu/index.php/ADAM/index`
- Discrete applied mathematics (visiting editor for a special issue), 2017, `http://www.journals.elsevier.com/discrete-applied-mathematics/`.

Member of programme or organising committee at mathematical meetings:

- Cofounder of "Algebraic Graph Theory International Webinar (AGTIW), every two weeks from November 2020 onwards, link: `http://euler.doa.fmph.uniba.sk/AGTIW.html`.
- Member of the organising committee, 8th European Mathematica Congress, Portorož, July 2021 (until June 2020).
- Member of the programme committee, *EUROCOMB 2019*, Bratislava, August 2019.
- Member of the organising committee, *8th Slovenian Conference on Graph Theory*, Kranjska Gora, 21st–27th June 2015.
- Member of the scientific committee, *Algorithmic Graph Theory on the Adriatic Coast*, Koper, 16th–19th June 2015.
- Member of the organising committee, *Ljubljana-Leoben Seminar 2012*, Bovec, 20th–22th September 2012.

- Member of programme committee, *Workshop on Graph Asymmetries*, Massey University, Palmerston North, New Zealand, 23. – 25. February 2005.

Longer visits of universities and research institutions:

- *Northern Arizona University*, Flagstaff, Arizona, USA, 18 February 2004 – 9 July 2004;
- *Univeristy of Ottawa*, Ottawa, Canada, 1 August 2003 – 31 January 2004;
- *University of Western Australia*, Perth, Australia, 15 April – 5 June, 2003;
- *University of Auckland*, Auckland, New Zealand, 10 February – 15 April, 2003.

Awards, honors and grants:

- *ARRS research programme*, 2020–2025, 2,2 FTE per year.
- *ARRS research grant*, 2021–2024, 0,7 FTE (50.000 EUR) per year.
- *ARRS research grant*, 2019–2022, 1,4 FTE (100.000 EUR) per year.
- *ARRS research grant*, 2011–2014, 2 FTE per year.
- *ARRS research grant*, 2008–2010, 1 FTE per year.
- *Fulbright Scholarship*, 5 months, academic year 2003/04.

Publications:

Scientific articles, Published or Accepted for Publication

1. M. Barbieri, P. Potočnik, Vertex-primitive digraphs with large fixity, Annali di Matematica Pura e Applicata, (2024). https://doi.org/10.1007/s10231-024-01447-x
2. P. Potočnik, M. Toledo, G. Verret, *On orders of automorphisms of vertex-transitive graphs*, *J. Combin. Theory Ser. B.* **166** (2024), 123–153.
3. M. Conder, L. Morgan, P. Potočnik, Resolution of a conjecture about linking ring structures, *Journal of Algebra*, **632** (2023), 87–101.
4. P. Potočnik, M. Toledo, Cubic vertex-transitive graphs admitting automorphisms of large order, *Bulletin of Malaysan Mathematical Sciences Society*, **46** (2023) art. 133 (33 pages)
5. P. Potočnik, J. Vidali, Cubic vertex-transitive graphs of girth 6, *Discrete Mathematics* **345** (2022), 112734;
6. R. Jajcay, P. Potočnik, S. Wilson, On the Cayleyness of Praeger-Xu graphs, *J. Combin. Theory Ser. B.* **152** (2022), 55–79.
7. A. Hujdurović, P. Potočnik, G. Verret, Three local actions in 6-valent arc-transitive graphs, *J. Graph Theory* **99** (2022), 207–216.
8. F. Lehner, P. Potočnik, P. Spiga, On fixity of arc-transitive graphs, *Science China Mathematics* **64** (2021), 2603–2610.
9. P. Potočnik, P. Spiga, *On the number of fixed points of automorphisms of vertex-transitive graphs*, Combinatorica **41** (2021), 703–747.
10. P. Potočnik, P. Spiga, *On minimal degree of transitive permutation groups with stabiliser being a 2-group*, J. Group Theory **24** (2021), 619–624.

11. P. Potočnik, M. Toledo, *Generalised voltage graphs*, European J. Combin. **94** (2021), 103313, 20pp.

12. P. Potočnik, M. Toledo, *Finite cubic graphs admitting a cyclic group of automorphism with at most three orbits on vertices*, Discrete Mathematics **344** (2021), 112195.

13. P. Potočnik, G. Verret, S. Wilson, *Base Graph – Connection Graph: Dissection and Construction*, Discrete Applied Math. **291** (2021), 116–128.

14. R. Jajcay, P. Potočnik, S. Wilson, Half-Cyclic, Dihedral and Half-Dihedral Codes, J. Applied Math. and Comp. **64** (2020), 691–708.

15. P. Potočnik, M. Toledo, *Classification of cubic vertex-transitive tricirculants*, Ars Math. Contemp. **18** (2020), 1–31.

16. P. Potočnik, S. Wilson, *Recipes for Edge-Transitive Tetravalent Graphs*, The Art of Discrete and Applied Mathematics **3** (2020), #P1.08.

17. P. Potočnik, J. Vidali, *Girth-regular graphs*, Ars Math. Contemp. **17** (2019), 249–368.

18. R. Jajcay, P. Potočnik, S. Wilson, *The The Praeger-Xu Graphs: Cycle Structures, Maps and Semitransitive Orientations*, Acta Mathematica Universitatis Comenianae **88** (2019), 269–291.

19. P. Potočnik, P. Spiga, *Lifting a prescribed group of automorphisms of graphs*, Proc. Amer. Math. Soc. **147** (2019), 3787–3796.

20. D. Pellicer, P. Potočnik, M. Toledo, *An existence result on two-orbit maniplexes*, J. Combin. Theory Ser. A. **166** (2019), 226–253.

21. L. Morgan, P. Potočnik, G. Verret, *Arc-transitive digraphs of given out-valency and with blocks of given size*, J. Combin. Theory Ser. B. **137** (2019), 118–125.

22. R. Möller, P. Potočnik, N. Seifter, Infinite arc-transitive and highly-arc-transitive digraphs European J. Combin., **77** (2019), 78–89.

23. R. Möller, P. Potočnik, N. Seifter, Sharply k-arc-transitive-digraphs: finite and infinite examples, Discrete Math., **342**, (2019), 768–776.

24. P. Potočnik, S. Wilson, *Linking rings structures and semisymmetric graphs: combinatorial constructions*, Ars Math. Contemp. **14** (2018), 1–17.

25. B. Kuzman, A. Malnič, P. Potočnik, *Tetravalent Vertex- and Edge-Transitive Graphs Over Doubled Cycles*, J. Combin. Theory Ser. B. **131** (2018), 109–137.

26. P. Potočnik, P. Šparl, *On the radius and the attachment number of tetravalent half-arc-transitive graphs*, Discrete Math. **340** (2017), 2967–2971.

27. P. Potočnik, S. Wilson, The separated box product of two digraphs, European J. Combin. **62** (2017), 35–49.

28. P. Potočnik, P. Spiga, G. Verret, *Asymptotic enumeration of vertex-transitive graphs of fixed valence*, J. Combin. Theory Ser. B **122** (2017), 221–240.

29. P. Potočnik, R. Požar, *Smallest tetravalent half-arc-transitive graphs with the vertex-stabiliser isomorphic to the dihedral group of order* 8, J. Combin. Theory, Ser. A. **145** (2017), 172–183.

30. K. Berčič, P. Potočnik, *Two-arc-transitive two-valent digraphs of certain orders*, Ars. Math. Contemp. **11** (2016), 127–146.

31. P. Potočnik, S. Wilson, *Linking rings structures and semisymmetric graphs: Cayley constructions*, European J. Combin. **51** (2016), 84–98.

32. P. Potočnik, P. Spiga, G. Verret, *Bounding the order of the vertex-stabiliser in 3-valent vertex-transitive and 4-valent arc-transitive graphs*, J. Combin. Theory, Ser. B. **111** (2015), 148–180.

33. P. Potočnik, P. Spiga, G. Verret, *A census of 4-valent half-arc-transitive graphs and arc-transitive digraphs of valence two*, Ars Math. Contemp. **8** (2015), 133–148.

34. M. Conder, P. Potočnik, P. Šparl, *Some recent discoveries about half-arc-transitive graphs*, Ars Math. Contemp. **8** (2015), 149–162.

35. A. Malnič, P. Potočnik, N. Seifter, P. Šparl, *Reachability relations, transitive digraphs and groups*, Ars Math. Contemp. **8** (2015), 83–94.

36. M. Giudici, L. Morgan, P. Potočnik, G. Verret, *Elusive groups of automorphisms of digraphs of small valency*, European J. Combin. **46** (2015), 1–9.

37. M. Conder, C.-H. Li, P. Potočnik, *On the orders of arc-transitive graphs*, J. Algebra **421** (2015), 167–186.

38. M. Guidici, P. Potočnik, G. Verret, *Semiregular automorphisms of edge-transitive graphs*, J. Alg. Combin. **40** (2014), 961–972.

39. M. Knor, M. Mačaj, P. Potočnik, R. Škrekovski, *Trees T satisfying $W(L^3(T)) = W(T)$*, Filomat **28** (2014), 551–556.

40. P. Potočnik, P. Spiga, G. Verret, *On the order of arc-stabilisers in arc-transitive graphs with prescribed local group*, Trans. Amer. Math. Soc. **366** (2014), 3729–3745.

41. M. Knor, M. Mačaj, P. Potočnik, R. Škrekovski, *Complete solution of equation $W(L^3(T)) = W(T)$ for Wiener index of iterated line graphs of trees* Disc. Appl. Math. **171** (2014), 90–103.

42. M. Knor, P. Potočnik, R. Škrekovski, *Relationship between edge-Wiener index and Gutman index of a graph*, Disc. Appl. Math. **167** (2014), 197–201.

43. P. Potočnik, *Tetravalent arc-transitive locally-Klein graphs with long consistent cycles*, European J. Combin. **36** (2014), 270–281.

44. P. Potočnik, S. Wilson *Linking ring structures and tetravalent semisymmetric graphs*, Ars Math. Contemp. **7** (2014), 341–352.

45. P. Potočnik, *Locally arc-transitive graphs of valence $\{3,4\}$ with trivial edge kernel* J. Alg. Combin. **38** (2013), 637–651.

46. V. Andova, M. Knor, P. Potočnik, R. Škrekovski, *On a variation of Randić index*, Australasian J. Combin. **56** (2013), 61–75.

47. M. Knor, P. Potočnik, *A note on 2-subset-regular self-complementary 3-uniform hypergraphs*, Ars Combinatoria **111** (2013), 33–36.

48. M. Knor, P. Potočnik, R. Škrekovski, *Wiener index of iterated line graphs of trees homeomorphic to H*, Discrete Math. **313** (2013), 1104–1111.

49. M. Knor, P. Potočnik, R. Škrekovski, *Wiener index of iterated line graphs of trees homeomorphic to the claw $K_{1,3}$*, Ars Mathematica Contemporanea **6** (2013), 211–219.

50. P. Potočnik, P. Spiga, G. Verret, *Cubic vertex-transitive graphs on up to* 1280 *vertices*, J. Symbolic Comp. **50** (2013) 465–477.

51. M. E. Lladser, P. Potočnik, J. Širáň, M. C. Wilson, *The diameter of random Cayley digraphs of given degree*, Disc. Math. and Theoretical Comp. Science **14** (2012), 83–90.

52. M. Knor, P. Potočnik, R. Škrekovski, *Wiener index in iterated line graphs*, Discrete Applied Math., **160** (2012), 2234–2245.

53. M. Dutour Sikirić, M. Knor, P. Potočnik, R. Škrekovski, J. Širáň, *Hyperbolic analogues of fullerenes on orientable surfaces*, Discrete Math. **312** (2012), 729–736.

54. M. Knor, P. Potočnik, R. Škrekovski, *On a conjecture about Wiener index in iterated line graphs of trees*, Disc. Math **312** (2012), 1094–1105.

55. M. Knor, P. Potočnik, *Efficient domination in cubic vertex-transitive graphs*, European J. Combin **33** (2012), 1755–1764.

56. P. Potočnik, P. Spiga, G. Verret, *On the nullspace of arc-transitive graphs over finite fields*, J. Alg. Combin. **36** (2012), 389–401.

57. P. Potočnik, P. Spiga, G. Verret, *On graph-restrictive permutation groups*, J. Combin. Theory, Ser. B., **102** (2012), 820–831.

58. P. Potočnik, S. Wilson, *On the point-stabiliser in a transitive permutation group*, Monatshefte für Mathematik **166** (2012), 497–504.

59. P. Potočnik, P. Spiga, G. Verret, *Tetravalent arc-transitive graphs with unbounded vertex-stabilisers*, Bull. Australian Math. Soc., **84** (2011), 79–89.

60. M. Boben, Š. Miklavič, P. Potočnik, *Rotary polygons in configurations*, Electron. J. Combin. **18** (2011), paper no. 119, 1–19.

61. P. Potočnik, G. Verret, *On the vertex-stabiliser in arc-transitive digraphs*, J. Combin. Theory Ser. B. **100** (2010), 497–509.

62. M. Conder, P. Potočnik, J. Širáň, *Regular maps with almost Sylow-cyclic automorphism groups, and classification of regular maps with Euler characteristic $-p^2$*, J. Algebra **324** (2010), 2620–2635.

63. A. Orbanić, M. Petkovšek, T. Pisanski in P. Potočnik, *A note on enumeration of one-vertex maps*, Ars mathematica contemporanea **3** (2010), 1–12.

64. P. Potočnik and M. Šajna, *Brick assignments and homogeneous almost self-complementary graphs*, J. Combin. Theory, Ser. B. **99** (2009), 185–201.

65. P. Potočnik, *A list of 4-valent* 2-*arc-transitive graphs and finite faithful amalgams of index* $(4, 2)$ European. J. Combin. **30** (2009), 1323–1336.

66. P. Potočnik and M. Šajna, *Vertex-transitive self-complementary uniform hypergraphs*, European J. Combin. **30** (2009), 327–337.

67. M. Boben, Š. Miklavič, P. Potočnik, *Consistent cycles in $\frac{1}{2}$-arc-transitive graphs*, Electronic J. Combin. **16** (2009), # R5, 1–10.

68. P. Potočnik, M. Šajna, *The existence of regular self-complementary 3-uniform hypergraphs*, Discrete Mathematics **309** (2009), 950–954.

69. M. Conder, P. Potočnik, J. Širáň, *Regular hypermaps over projective linear groups*, J. Austral. Math. Soc. **85** (2008), 155–175.

70. Š. Miklavič, P. Potočnik, S. Wilson, *Arc-transitive cycle decompositions of tetravalent graphs*, J. Combin. Theory, Ser. B **98** (2008), 1181–1192.

71. M. Giudici, C. H. Li, P. Potočnik, and C. Praeger, *Homogeneous factorisations of graph products*, Disc. Math. **308** (2008), 3652–3667.

72. P. Potočnik and M. Šajna, *A note on transitive permutation groups of degree twice a prime*, Ars Mathematica Contemporanea **1** (2008), 165–168.

73. Š. Miklavič, P. Potočnik, S. Wilson, *Overlap in consistent cycles*, J. Graph Theory **55** (2007), 55–71.

74. P. Potočnik, S. Wilson, *Tetravalent edge-transitive graphs of girth at most 4*, Journal of Combinatorial Theory Ser. B., **97** (2007), 217–236.

75. Š. Miklavič, P. Potočnik, *Distance-regular Cayley Graphs on Dihedral Groups*, Journal of Combinatorial Theory Ser. B., **97** (2007), 14-33.

76. Š. Miklavič, P. Potočnik, and S. Wilson, *Consistent cycles in graphs and digraphs*, Graphs and Combinatorics **23** (2007), 205–216.

77. P. Potočnik, M. Šajna, *Self-complementary two-graphs and almost self-complementary double covers*, European J. Combin. **28** (2007), 1561–1574.

78. A. Malnič, Š. Miklavič, D. Marušič, P. Potočnik, *Semisymmetric elementary abelian covers of the Möbius-Kantor graph*, Discrete Mathematics **307** (2007), 2156–2175.

79. P. Potočnik, M. Šajna, G. Verret, *Mobility of vertex-transitive graphs*, Discrete Mathematics **307** (2007), 579–591.

80. M. Giudici, C. H. Li, P. Potočnik, C. Praeger, *Homogeneous factorisations of complete multipartite graphs*, Discrete Mathematics **307** (2007), 415–431.

81. Š. Miklavič, P. Potočnik, *Distance-transitive Dihedrants*, Designs, and Cryptography **41** (2006), 185–193.

82. A. Malnič and P. Potočnik, *Invarinat subspaces, duality, and covers of the Petersen graph*, European J. Combin. **27** (2006), 971–989.

83. M. C. E. Conder, A. Malnič, D. Marušič, P. Potočnik, *A census of cubic semisymmetric graphs on up to 768 vertices*, J. Alg. Combin. **23** (2006), 255–294.

84. P. Potočnik and M. Šajna, *On almost self-complementary graphs*, Disc. Math. **306** (2006), 107–123.

85. M. Giudici, C. H. Li, P. Potočnik, and C. Praeger, *Homogeneous factorisations of graphs and digraphs*, European J. Combin. **27** (2006), 11–37.

86. P. Potočnik, M. Škoviera, R. Škrekovski, *Nowhere-zero 3-flows in Cayley graphs of abelian groups*, Discrete Mathematics **297** (2005), 119–127.

87. M. C. E. Conder, A. Malnič, D. Marušič, T. Pisanski, P. Potočnik, *The cubic edge- but not vertex-transitive graph on 112 vertices*, J. Graph Theory **50** (2005), 25–42.

88. P. Potočnik, *Edge-colourings of cubic graphs admitting a solvable vertex-transitive group of automorphisms*, Journal of Combinatorial Theory Ser. B, **91** (2004), 289–300.

89. A. Malnič, D. Marušič, P. Potočnik, *On cubic graphs admitting an edge-transitive solvable group*, Journal of Algebraic Combinatorics **20** (2004), 99–113.

90. A. Malnič, D. Marušič, P. Potočnik, *Elementary abelian covers of graphs*, Journal of Algebraic Combinatorics **20** (2004), 71–97.

91. A. Malnič, D. Marušič, P. Potočnik, C. Q. Wang, *An infinite family of cubic edge- but not vertex-transitive graphs*, Discrete Mathematics **280** (2004), 133–148.

92. Š. Miklavič and P. Potočnik, *Distance-regular circulants*, European J. Combin. **24** (2003), 777–784.

93. D. Marušič, P. Potočnik, *Bridging semisymmetric and half-arc-transitive actions on graphs*, European J. Combin. **23** (2002), 719–732.

94. P. Potočnik, *On 2-arc-transitive Cayley graphs of abelian groups*, Discrete Mathematics **244** (2002), 417-421.

95. D. Marušič, P. Potočnik, *Classifying 2-arc-transitive graphs of order a product of two primes*, Discrete Mathematics **244** (2002), 331-338.

96. P. Potočnik, *B-groups of order a product of two primes*, Mathematica Slovaca **51** (2001), 63–67.

97. D. Marušič, P. Potočnik, *Semisymmetry of generalized Folkman graphs*, European J. Combin. **22** (2001), 333–349.

Submitted for Publication

98. M. Conder, P. Potočnik, A note on normal covers of 2-arc-transitive graphs,

99. P. Potočnik, M. Toledo, A. Ramos, S. Wilson, Transitive cornerations in maps, `arXiv:2305.06050`

100. P. Potočnik, M. Toledo, A. Ramos, S. Wilson, Orbits of consistent walks in dart-transitive maps,

101. A. Montero, P. Potočnik, Vertex-transitive graphs with small motion and transitive permutation groups with small minimal degree, `arXiv:2405.10088`

Book chapters

102. P. Potočnik, P. Spiga, G. Verret, *Groups of order at most 6 000 generated by two elements, one of which is an involution, and related structures* in "Symmetries in Graphs, Maps, and Polytopes; 5th SIGMAP Workshop, West Malvern, UK, July 2014" (eds. J. Širáň, R. Jajcay), Springer Proceedings in Mathematics and Statistics (2016).

103. T. Pisanski, P. Potočnik, Chapter *Graphs on surfaces* in "Handbook of graph theory", The CRC Press series on discrete mathematics and its applications (2004).

Other articles:

104. P. Potočnik, *Symmetry – in Graph Theory and in General* (Slovenian), Obzornik za matematiko in fiziko, **49**, (2002), 87–95.

105. P. Potočnik, *Counting - Basic and Less Basic* (Slovenian), Obzornik za matematiko in fiziko, **48**, (2001), 65–80.

106. P. Potočnik, *Electromagnetic potential of a charged moving particle* (Slovenian), Obzornik za matematiko in fiziko, **42**, (1995), 72–79.

Teaching Experience:

- Courses taught as an Assistant Professor (2001–present):

2005– : Several introductory courses to calculus, algebra and discrete mathematics (University of Ljubljana)

2002/03: Mathematics (Polytechic, Nova Gorica, Slovenia).

2001/02: Analysis I and Discrete Structures (Faculty of Education, University of Ljubljana, Slovenia).

- Courses taught as a Sessional Lecturer (1995–2001): Calculus, Analysis I, Analysis II (for physicists), Linear Algebra, Discrete Mathematics.

- Courses taught as a Visiting Lecturer:

2003: Mathematics for data communication (University of Auckland, New Zealand)

2004: Discrete Structures (University of Auckland, New Zealand)

Invited Lectures and Plenary Talks:

- "Fixity of Graphs" (invited talk), Symmetries of Discrete Objects, Rotorua, New Zealand, 10th –14th February 2020, `https://www.math.auckland.ac.nz/~conder/SODO-2020/`

- "Some problems about symmetries of finite graphs" (invited talk), Graphs, groups, and more: celebrating Brian Alspach's 80th and Dragan Marušič's 65th birthdays, 27th May – 1st June 2018, `https://conferences.famnit.upr.si/indico/event/4/material/slides/21.pdf`

- International Workshop on Symmetries of Graph and Networks (invited talk), 29th January – 2nd February 2018, Sanya, China, `http://www.tsimf.cn/meeting/show?id=83#MMM4`

- "Cubic vertex-transitive graphs" (invited talk), Leoben-Ljubljana GraphTheory Seminar 2016, September 2016, Judenburg, Austria.

- "Censuses of graphs and maps of certain symmetry types" (invited talk), 5th Workshop SIGMAP – Symmetries In Graph, Maps And Polytopes, 7th – 11th July 2014, West Malvern, U.K.

- "How many symmetries can a symmetric graph have?" (plenary talk), 37th Australian Conference on Combinatorial Mathematics and Combinatorial Computing: the University of Western Australia, December 9–13, 2013. Perth.

- "Edge-colourings of Cubic Vertex-transitive Graphs" (invited talk), *Grafy 2009*, Terchova, Slovakia, (May 2009).

- "Graphs and their symmetries" *Colloqium of the Department of Mathematics and Statisitcs, Northern Arizona University*, Flagstaff, 5th February 2008.

- "Grafi, grupe in amalgami", *Matematični kolokvij DMFA*, Ljubljana, 27th September 2005.

- "Symmetry in graphs", *Combinatorics and Optimization Seminar*, University of Ottawa, Canada, 15 September 2003.

- "Regular Covers of Graphs and Their Symmetries", *Algebra, Geometry and Combinatorics Seminar Series*, The University of Auckland, New Zealand, 10 March 2003.

- "Elementary Abelian Covers of Graphs", *Groups and Combinatorics Seminar*, The University of Western Australia, Perth, Australia, 12 May 2003.

- "Flows and colourings of vertex-transitive graphs", *Bratislavsky Seminar z Teorie Grafov*, Comenius University, Bratislava, Slovakia, September 2001;

Conference Presentations:

- *Towards Weiss conjecture and beyond*, 7th Slovenian Graph Theory Conference, Bled, Slovenia (June 2011).

- *Census of tetravalent arc-transitive graphs*, Algebraic, Topological and Combinatorial Aspects of Graph Coverings, Auckland, New Zealand, (February 2010).

- *On the vertex-stabiliser in arc-transitive graphs and digraphs*, Worhshop in Symmetries in graphs and networks, Banff, Alberta, (November 2008).

- *Linking Ring Structures*, 6th Slovenian International Conference on Graph Theory, Bled, (June 2007).

- *4-valent Edge-Transitive Graphs*, Symmetries in Graphs, Maps, and Complexes - SIGMAC 06, Aveiro, Portugalska, (julij 2006).

- *Imprimitive Groups with Blocks of Size* 2, Geometry: Interactions with Algebra and Analysis, Auckland, New Zealand, (February 2005).

- *Edge-colourings of Cubic Vertex-transitive Graphs*, The 2004 NZIMA Conference in Combinatorics and its Applications, Taupo, New Zealand, (December 2004).

- *Edge-colourings of Cubic Vertex-transitive Graphs*, Summer 2002 Meeting of Canadian Mathematical Society, Quebec, Canada, (June 2002).

- *Semisymmetry and Half-arc-transitive Group Actions*, Algebraic and Topological Methods in Graph Theory, Auckland, New Zealand, (December 2000).

- *Alterexponent of a Digraph*, 17th Ljubljana-Leoben Seminar on Discrete Mathematics, Leoben, Austria, (April 2000).

- *On Semisymmetric Graphs*, 4th Slovenian Conference on Graph Theory, Bled, Slovenia, (June 1999).

- *On 2-arc-transitivity of Cayley Graphs of Abelian Groups*, 16th Ljubljana-Leoben Seminar on Graph Theory, Kranjska Gora, Slovenia, (October 1998).

- *On 2-arc-transitive Cayley Graphs of Abelian Groups* Symmetry in Graphs, Maps and Complexes, Flagstaff, Arizona, USA, (July 1998).