SFU SIMON FRASER UNIVERSITY
ENGAGING THE WORLD

BOJAN MOHAR
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Education
Ph.D. Mathematics (1986), University of Ljubljana, Slovenia

Employment
2005-present: Department of Mathematics, Simon Fraser University
Tier 1 Canada Research Chair 2005-2019, **Distinguished Professor** 2021-present
1986-2006: University of Ljubljana, Slovenia (**Full Professor** since 1996)
1980-present: IMFM, Ljubljana, Slovenia

Visiting Positions
École normale supérieure, Paris (2016)
McGill University (2002)
École des Hautes Études en Sciences Sociales, Paris (2002)
Technische Univ. Ilmeanau, Germany (1998)
Georgia Institute of Technology, Atlanta, Georgia (1996-97)
Ohio State University (**Visiting Fulbright Scholar**, 1988)
Simon Fraser University (**Postdoctoral Fellow**, 1986-87).

Research Areas
Mathematics, Graph Theory, Combinatorics, Theoretical Computer Science, Mathematical Chemistry

PUBLICATIONS

CITATION INDICES AS OF OCTOBER 21, 2026	GOOGLE SCHOLAR
Number of publications	>400
Citations	16279
h-index	58
Highest citation count	2498

CONTRIBUTION	TOTAL # OF PUBLICATIONS	
Book	1	
Book chapters	7	
Journal articles	312	
Conference papers	68	

*Last update: October 2026

Selected Invited Plenary Talks (from around 200 total)

1. Graph symmetry: Algebraic methods and applications, University of Montréal, July 1996. (Series of five lectures: Eigenvalues in combinatorial optimization)
2. Fifth Czech-Slovak International Symposium on Combinatorics, Graph Theory, Algorithms and Applications, Prague, July 1998.
3. 6th International Conference on Graph Theory, Marseille Luminy, France, August 2000.
4. 18th British Combinatorial Conference, Sussex, Brighton, UK, July 2001.
5. Mathematical Aspects of Theoretical Computer Science, ETH, Zürich, May 2004.
6. SIAM Conference on Discrete Mathematics (SIAM DM), Burlington, VT, June 2008.
7. EuroComb 2009, European Conference on Combinatorics, Graph Theory and Applications, Bordeaux, France.
8. 35th International Symposium on Mathematical Foundations of Computer Science, Joint MFCS & CSL 2010. Brno, Czech Republic.
9. Kyoto Prize Satellite Workshop, Tokyo, November 2010.
10. 2012 International Conference on Graph Theory, Combinatorics and Applications, Zhejiang Normal University, Jinhua, China, October 2012.
11. 7th Czech-Slovak International Symposium on Graph Theory, Combinatorics, Algorithms and Applications, Košice, Slovakia, 2013.
12. International Colloquium on Graph Theory and Combinatorics (ICGT 2014), Grenoble.
13. ICM 2014 Satellite Conference on Extremal and Structural Graph Theory, August 2014, Gyeongju, South Korea.
14. European Workshop on Computational Geometry (EuroCG), March 2015.
15. 43rd French Spring School in Theoretical Computer Science, Graphs and Surfaces: Algorithms, Combinatorics and Topology, CIRM, Marseille, May 2016. (Minicourse of four 90-minute lectures about graphs on surfaces)
16. The International Conference and PhD-Master Summer School on "Graphs and Groups, Spectra and Symmetries", Novosibirsk, Russia, August 2016.
17. 40th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (ACCMCC), University of Newcastle, Australia, December 2016.
18. 6th Canadian Discrete and Algorithmic Mathematics Conference (CanaDAM 2017), Toronto, June 2017.
19. Challenges in Combinatorial & Discrete Geometry, Barcelona, Spain, 2018. (10 hours Minicourse on Graphs on Surfaces).
20. 26th International Symposium on Graph Drawing and Network Visualization, GD 2018, Spain, 2018.
21. 8th European Congress of Mathematics, Portorož 2021, Invited Public Lecture.
22. 43rd Australasian Combinatorics Conference (43ACC), Univ Melbourne, Australia, 2021.
23. 11th National Congress on Combinatorics and Graph Theory, Qingdao, China, September 2024. Distinguished international plenary speaker.
24. Asian Conference on Combinatorics and Appl. (AsiaComb 2026), Daejeon, Korea, 2026.

AWARDS AND DISTINCTIONS

1. **Best Paper Award** (FOCS 2026)
2. **Order of Merit** (Slovenia), 2023
3. **ERC Synergy Grant**, 2023-29
4. **CMS Fellow, 2022 Class, Canadian Mathematical Society**, 2022
5. **Fellow of the Royal Society of Canada**, inducted in 2020
6. **John L. Synge Award, Royal Society of Canada**, 2018
7. **AMS Fellow, 2020 Class, American Mathematical Society**, 2020
8. **SIAM Fellow, Society of Industrial and Applied Mathematics**, 2018
9. **Euler Medal, Institute of Combinatorics and its Applications**, 2010
10. **Ambassador of Science Award, Republic of Slovenia**, 2009
11. **International Academy of Mathematical Chemistry** (IAMC), inducted in 2008.
12. **Canada Research Chair in Graph Theory, Tier I**, 2005, renewed 2012
13. **Regular Member, Slovenian Academy of Engineering**, inducted in 1999
14. **Boris Kidrič Prize, Slovenian National Prize for Science**, 1990
15. **Fulbright Visiting Scholar**, 1988 (held at the Ohio State University).

SERVICE

A. Selected Editorship

1. Journal of Combinatorial Theory, Ser. B (2015–25), **Editor-in-Chief**
2. Electronic Journal of Combinatorics, **Editor-in-Chief** (2013–2022)
3. Discrete and Computational Geometry, Editorial Board (2014–)
4. Discrete Mathematics, **Associate Editor** (2007–)
5. Journal of Graph Theory (2004–), Managing Editor and Editorial Board
6. Journal of Combinatorial Theory, Ser. B (1999–2014, 2025–) Editorial board

Served as an editor for five other math journals.

B. **Executive work**

1. **Chair**, SIAM Activity Group on Discrete Mathematics, 2018-2020
2. **Vice-Chair**, SIAM Activity Group on Discrete Mathematics, 2008-2009
3. Denes Konig Prize selection committee (**Chair** 2010, Member 2024)
4. **Executive Council,** Engineering Academy of Slovenia, 2001-2005 and 2021-
5. **Chair**, Slovenian National Baccalaureate Committee for Mathematics, 1999-2000
6. Member, NSERC Evaluation Group (Mathematics), 2011-2014
7. Member (and Chair in 2018-19), NSERC Scholarships and Fellowships Selection Committee for Mathematical Sciences, 2016-19
8. Member, National Science Foundation Panel (several years)
9. **Dean,** Faculty of Mathematics and Physics, University of Ljubljana, 2003-05.

C. **Selected Conference Organization**

1. The Slovenian International Graph Theory Conference, Bled. Chair of the Organizing and Program Committee in 1995, 1999, 2003 and 2019. Member of the organizing committee in 1991, 2007, 2011, 2015, and 2023.
2. Organizer of several workshops (on Topological and geometric graph theory, Infinite graphs, Graph coloring, Structural graph theory and graph minors, Crossing numbers) at BIRS, Banff, Alberta (2006, 2007, 2008, 2010, 2013, 2016, 2017, 2018, 2020, 2024).
3. CanaDAM 2007, 1st Canadian Discrete and Algorithmic Mathematics Conference, May 2007, Banff, Alberta, Canada. (Chair of the Program Committee)
4. SIAM Conference on Discrete Mathematics (SIAM DM14), June 16–19, 2014, Minneapolis, MN. (Chair of the Organizing Committee)
5. CanaDAM 2019, Vancouver, May 2019.
6. STOC 2024, Vancouver June 2024 (General co-Chair).

D. **Program Committees**

1. ACM IS04-TCS, Ljubljana, Slovenia, 2004.
2. SIAM Conference on Discrete Mathematics, 2006, 2014 (Chair).
3. CanaDAM 2007 (Chair), 2019.
4. Topological & Geometric Graph Theory, Paris, 2008.
5. Groups and Infinite Graphs, University of Vienna, Austria, 2008.
6. Workshop on Spectral Graph Theory, Rio de Janeiro, 2008.
7. WG (Graph-Theoretic Concepts in Computer Science, 2010, 2016, 2019, 2024
8. European Conference on Combinatorics, Graph Theory and Appl. (EuroComb) 2011, 2015, 2019, 2021, 2023.
9. ACM-SIAM Symposium on Discrete Algorithms (SODA) 2012, 2019.
10. Conference on Algorithms and Discr. Appl. Math. (CALDAM) 2015, 2016, 2017, 2018.
11. Algorithms and Data Structures Symposium (WADS), 2019.
12. 9th European Congress of Mathematics (9ECM), Scientific Committee, Seville 2024.

E. **PhD Students (and their current positions)**

1. Martin Juvan (1995), Professor, University of Ljubljana
2. France Dacar (1995), developer, Institute Jozef Stefan
3. Riste Škrekovski (2000), Professor, University of Ljubljana
4. Gašper Fijavž (2001), Professor, University of Ljubljana
5. Drago Bokal (2006), Professor, University of Maribor
6. Janez Povh (coadvisor, 2006), Professor, University of Ljubljana
7. Andrej Vodopivec (2007), software developer.
8. Ararat Harutyunyan (2011), Professor, University of Paris-Dauphine
9. Lino Demasi (2012), Government of Canada
10. Petr Škoda (2012), Google (deceased in 2015)
11. Azhvan Ahmady (2013), Financial Analyst
12. Krystal Guo (2015), Professor, Amsterdam University
13. David Gajser (coadvisor, 2015), University of Maribor
14. Ross Churchley (2017), developer, Microsoft Research, Vancouver
15. Seyyed Aliasghar Hosseini (2018), instructor BCIT
16. Sebastian Gonzalez Hermosillo de la Maza (2019)
17. Nathan Singer (2020)
18. Peter Bradshaw (2022), Assistant Professor, University of South Carolina
19. Alexandra Wesolek (2023), BMS Dirichlet Postdoctoral Fellow, TU Berlin; CNRS Bordeaux.
20. Abhinav Shantanam (2023), postdoc, Brussels; developer Huawei, Toronto.
21. Jesse Campion Loth (2023), Heilbronn Postdoctoral fellow, Univ Bristol, UK
22. MacKenzie Carr (2025), postdoc, Toronto Metropolitan University
23. Hitesh Kumar (2026)
24. Shivaramakrishna Pragada (2026)

F. **Postdoctoral students and their current positions**

1. Sergio Cabello, 2004–06 (Marie Curie Fellow), Professor, University of Ljubljana
2. Matt DeVos, 2004 and 2005–08, Professor, Simon Fraser University. Recipient of a Sloan Fellowship in 2008
3. Robert Šamal, 2006–08, Professor, Charles University, Prague
4. Simon Špacapan, 2008, Professor, University of Maribor
5. Zdeněk Dvořák, 2008–09, Professor, Charles University, Prague. Recipient of the European Prize in Combinatorics (2015)
6. Guillaume Chapuy, 2009–10, CNRS, France. Recipient ERC Starting Grant.
7. Diego Scheide, 2010
8. Jessica McDonald, 2010–12, Professor, Auburn University
9. Roi Krakovski, 2011–12, Ben-Gurion University of the Negev
10. Andrew King, 2011–12, Researcher, D-Wave, Vancouver

11. Hehui Wu, 2013–14, Fudan University, Shanghai. Recipient of a 1000 Talents position in China.
12. Arash Rafiey, 2012–13, professor, Indiana State University
13. Seyed Saeed Changiz Rezaei, 2014–15, researcher, 1-Qbit, Vancouver
14. Fiachra Knox, 2014–17
15. Suil O, 2015–16, Assistant Professor, The State University of New York, Korea
16. Jernej Azarija, 2016–17.
17. Tomáš Masarík, 2020–21, Assistant Professor, University of Warsaw.
18. Vesna Iršič, 2021–22, Assistant Professor, University of Ljubljana.
19. Zhouningxin Wangzhou, 2022, Assistant Professor, Nankai University, Tianjin, China.
20. Hanmeng Harmony Zhan, 2022–23, Assistant Professor, WPI.
21. Maxwell Levit, 2023-26
22. Yenwen Luo, 2023-24
23. Jose Alvardo, 2024-26
24. Ahmad Mojallal 2025-27
25. Karthik Murali 2025-27.