

<i>McGill University Top-up Award</i> McGill University, Montréal, Canada Student award	2004 – 2005
<i>Vartkes and Asdghig Sarafian Foundation</i> Concordia University / McGill University, Montréal, Canada Scholarship	2003 – 2007
<i>Armenian General Benevolent Union</i> Concordia University / McGill University, Montréal, Canada Scholarship	2003 – 2006
<i>Armenian Relief Society of Canada</i> Concordia University / McGill University, Montréal, Canada Scholarship	2003 – 2004

PUBLICATIONS

JOURNAL PUBLICATIONS

- [1] Victor Campos, Vašek Chvátal, Luc Devroye, and Perouz Taslakian. **Transversals in trees.** *Journal of Graph Theory*, to appear.
- [2] Greg Aloupis, Jean Cardinal, Sébastien Collette, Erik D. Demaine, Martin L. Demaine, Muriel Dulieu, Ruy Fabila-Monroy, Vi Hart, Ferran Hurtado, Stefan Langerman, Maria Saumell, Carlos Seara, and Perouz Taslakian. **Non-crossing matchings of points with geometric objects.** *Computational Geometry: Theory and Application*, to appear.
- [3] Greg Aloupis, Jean Cardinal, Sébastien Collette, Shinji Imahori, Matias Korman, Stefan Langerman, Oded Schwartz, Shakhur Smorodinsky, and Perouz Taslakian. **Colorful strips.** *Graphs and Combinatorics*, 27(3):327–339, 2011.
- [4] Erik D. Demaine, Francisco Gomez-Martin, Henk Meijer, David Rappaport, Perouz Taslakian, Godfried T. Toussaint, Terry Winograd, and David R. Wood. **The distance geometry of music.** *Computational Geometry: Theory and Application*, 42(5):429–454, July 2009.
- [5] Francisco Gomez-Martin, Perouz Taslakian, and Godfried T. Toussaint. **Structural properties of Euclidean rhythms.** *Journal of Mathematics and Music*, 3(1):1–14, March 2009.
- [6] Francisco Gomez-Martin, Perouz Taslakian, and Godfried T. Toussaint. **Interlocking and Euclidean rhythms.** *Journal of Mathematics and Music*, 3(1):15–30, March 2009.
- [7] Erik D. Demaine, Martin L. Demaine, Perouz Taslakian, and Godfried T. Toussaint. **Sand drawings and Gaussian graphs.** *Journal of Mathematics and the Arts*, pages 125–132, June 2007.

CONFERENCE PROCEEDINGS

- [8] Prosenjit Bose, Jean Cardinal, Sebastien Collette, Ferran Hurtado, Stefan Langerman, Matias Korman, and Perouz Taslakian. **Coloring and guarding arrangements**. In *Proceedings of the 28th European Workshop on Computational Geometry (EuroCG 2012)*, pages 89–92, March 2012.
- [9] Jean Cardinal, Sébastien Collette, Hiro Ito, Matias Korman, Stefan Langerman, Hikaru Sakaidani, and Perouz Taslakian. **Cannibal animal games: a new variant of tic-tac-toe**. In *Proceedings of the 27th European Workshop on Computational Geometry (EuroCG 2011)*, pages 131–134, March 2011.
- [10] Isabel Hubard and Perouz Taslakian. **Deflating polygons to the limit**. In *Proceedings of the 22nd Canadian Conference on Computational Geometry (CCCG 2010)*, pages 67–70, August 2010.
- [11] Greg Aloupis, Jean Cardinal, Sébastien Collette, Shinji Imahori, Matias Korman, Stefan Langerman, Oded Schwartz, Shakhar Smorodinsky, and Perouz Taslakian. **Colorful strips**. In *Proceedings of the 9th Latin American Theoretical Informatics (LATIN 2010)*, LNCS, pages 2–13, April 2010.
- [12] Greg Aloupis, Jean Cardinal, Sébastien Collette, Erik D. Demaine, Martin L. Demaine, Muriel Dulieu, Ruy Fabila-Monroy, Vi Hart, Ferran Hurtado, Stefan Langerman, Maria Saumell, Carlos Seara, and Perouz Taslakian. **Matching points with things**. In *Proceedings of the 9th Latin American Theoretical Informatics (LATIN 2010)*, *Lecture Notes in Computer Science (LNCS)*, volume 6034, pages 456–467. Springer-Verlag, April 2010.
- [13] Prosenjit Bose, Jean Cardinal, Sebastien Collette, Erik D. Demaine, Belen Palop, Perouz Taslakian, and Norbert Zeh. **Relaxed gabriel graphs**. In *Proceedings of the 21st Canadian Conference on Computational Geometry (CCCG 2009)*, pages 169–172, August 2009.
- [14] David Bremner, Erik D. Demaine, Perouz Taslakian, and Godfried T. Toussaint. **Reconstructing points on a circle from labeled distances**. In *Proceedings of the 25th European Workshop on Computational Geometry (EuroCG 2009)*, pages 155–158, March 2009.
- [15] Francisco Gomez-Martin, Perouz Taslakian, and Godfried T. Toussaint. **Convergence of the shadow sequence of inscribed polygons**. In *Proceedings of the 18th Fall Workshop on Computational Geometry (FWCG 2008)*, pages 10–11, October 2008.
- [16] Joseph O’Rourke, Perouz Taslakian, and Godfried T. Toussaint. **A pumping lemma for homometric rhythms**. In *Proceedings of the 20th Canadian Conference on Computational Geometry (CCCG 2008)*, pages 121–123, August 2008.
- [17] Francisco Gomez-Martin, Perouz Taslakian, and Godfried T. Toussaint. **Evenness preserving operations on musical rhythms**. In *Proceedings of the Canadian Conference on Computer Science and Software Engineering (C3S2E ’08)*, pages 121–123, New York, NY, USA, 2008. ACM.
- [18] Kevin Buchin, Maike Buchin, Erik D. Demaine, Martin L. Demaine, Dania El-Khechen, Sándor Fekete, Christian Knauer, André Schulz, and Perouz Taslakian. **On rolling cube puzzles**. In *Proceedings of the 19th Canadian Conference on Computational Geometry (CCCG 2007)*, pages 141–144, August 2007.

- [19] Greg Aloupis, Brad Ballinger, Prosenjit Bose, Mirela Damian, Erik D. Demaine, Martin L. Demaine, Robin Flatland, Ferran Hurtado, Stefan Langerman, Joseph O'Rourke, Perouz Taslakian, and Godfried Toussaint. **Vertex pops and popturns**. In *Proceedings of the 19th Canadian Conference on Computational Geometry (CCCG 2007)*, pages 137–140, August 2007.
- [20] Erik D. Demaine, Martin L. Demaine, Thomas Fevens, Antonio Mesa, Michael Soss, Diane L. Souvaine, Perouz Taslakian, and Godfried Toussaint. **Deflating the Pentagon**. In *Revised Papers from the Kyoto International Conference on Computational Geometry and Graph Theory (KytoCGGT 2007)*, pages 56–57, Berlin, Germany, June 2007. Springer-Verlag. *Lecture Notes in Computer Science (LNCS)*, volume 4535.
- [21] Erik D. Demaine, Martin L. Demaine, Diane L. Souvaine, and Perouz Taslakian. **Deflating the Pentagon**. In *Proceedings of the 23rd European Workshop on Computational Geometry (EuroCG 2007)*, pages 10–14, March 2007.
- [22] **Perouz Taslakian and Godfried T. Toussaint**. Geometric properties of musical rhythms. Poster, November 2006. Presented at the *16th Fall Workshop on Computational Geometry (FWCG 2006)*.
- [23] David Bremner, Timothy M. Chan, Erik D. Demaine, Jeff Erickson, Ferran Hurtado, John Iacono, Stefan Langerman, and Perouz Taslakian. **Necklaces, convolutions, and $X + Y$** . In *Proceedings of the 14th Conference on Annual European Symposium (ESA 2006)*, pages 160–171, London, UK, September 2006. Springer-Verlag.
- [24] Erik D. Demaine, Martin L. Demaine, Perouz Taslakian, and Godfried T. Toussaint. **Sand drawings and Gaussian graphs**. In *Proceedings of BRIDGES: Mathematical Connections in Art, Music and Science (BRIDGES 2006)*, pages 79–88, London, England, August 2006.
- [25] Mirela Damian, Erik D. Demaine, Martin L. Demaine, Vida Dujmovic, Dania El-Khechen, Robin Flatland, John Iacono, Stefan Langerman, Henk Meijer, Suneeta Ramaswami, Diane L. Souvaine, Perouz Taslakian, and Godfried T. Toussaint. **Curves in the sand: Algorithmic drawing**. In *Proceedings of the 18th Canadian Conference on Computational Geometry (CCCG 2006)*, pages 11–14, August 2006.
- [26] Erik D. Demaine, Francisco Gomez-Martin, Henk Meijer, David Rappaport, Perouz Taslakian, Godfried T. Toussaint, Terry Winograd, and David R. Wood. **The distance geometry of Deep rhythms and scales**. In *Proceedings of the 17th Canadian Conference on Computational Geometry (CCCG 2005)*, pages 160–163, August 2005.
- [27] Perouz Taslakian and Godfried T. Toussaint. **Hamiltonian cycles in sparse vertex-adjacency duals**. In *Proceedings of the 14th Fall Workshop on Computational Geometry (FWCG 2004)*, pages 30–31, October 2004.
- [28] Hovhannes A. Harutyunyan and Perouz Taslakian. **Orderly broadcasting in a 2d torus**. In *Proceedings of the 8th International IEEE Conference on Information Visualization (IV 2004)*, pages 370–375, July 2004.

OTHER PUBLICATIONS

- [29] Perouz Taslakian. *Musical Rhythms in the Euclidean Plane*. PhD thesis, McGill University, Montréal, QC, Canada, 2009. Ph.D. Thesis.
- [30] Perouz Taslakian. **Orderly broadcasting in multidimensional tori**. Master's thesis, Concordia University, Montréal, QC, Canada, 2004. Masters Thesis.

TEACHING EXPERIENCE

Teaching

<i>Data Structures and Algorithms II</i>	2010
<i>Computer Technical Project and Report</i>	2006

Teaching Assistant

<i>Data Structures and Algorithms I</i>	2008, 2007, 2005
<i>Algorithm Design Techniques</i>	2007
<i>Honours Algorithm Design</i>	2007
<i>Data Structures and Algorithms II</i>	2006
<i>Computational Geometry</i>	2005

ATTENDED CONFERENCES AND WORKSHOPS

RESEARCH VISITS

<i>Universidad Politécnica de Madrid</i> Madrid, Spain (invited by <i>Francisco Gomez-Martin</i>)	Jun 2011
<i>Carleton University</i> Ottawa, QC, Canada (invited by <i>Prosenjit Bose</i>)	Aug 2010
<i>McGill University</i> Montréal, QC, Canada (invited by <i>Luc Devroye</i>)	Feb 2010
<i>Carleton University</i> Ottawa, QC, Canada (invited by <i>Prosenjit Bose</i>)	Aug 2009
<i>Carleton University</i> Ottawa, QC, Canada (invited by <i>Prosenjit Bose</i>)	Nov 2008
<i>Université Libre de Bruxelles</i> Brussels, Belgium (invited by <i>Stefan Langerman</i>)	Mar 2007

Massachusetts Institute of Technology Nov 2006
Cambridge, MA, USA (invited by *Erik Demaine*)

Université Libre de Bruxelles May 2005
Brussels, Belgium (invited by *Stefan Langerman*)

Universitat Politècnica de Catalunya May 2005
Barcelona, Spain (invited by *Ferran Hurtado*)

WORKSHOPS (BY INVITATION)

ULB-UPC Workshop on Computational Geometry May 18 – 22, 2009
Université Libre de Bruxelles, Brussels, Belgium (invited by *Stefan Langerman*)

Carleton Workshop on Computational Geometry May 4 – 8, 2009
Gatineau, QC, Canada (invited by *Prosenjit Bose*)

UPC-ULB Workshop on Computational Geometry Apr 1 – 3, 2009
Universitat Politècnica de Catalunya, Barcelona, Spain (invited by *Ferran Hurtado*)

Workshop on Algorithms and Folding Mar 19 – 21, 2009
Université Libre de Bruxelles, Brussels, Belgium (invited by *Erik Demaine*)

23th Bellairs Winter Workshop on Computational Geometry Feb 1 – 8, 2008
Bellairs Research Institute, Holetown, Barbados (invited by *Godfried Toussaint*)

22nd Bellairs Winter Workshop on Computational Geometry Feb 2 – 9, 2007
Bellairs Research Institute, Holetown, Barbados (invited by *Godfried Toussaint*)

21st Bellairs Winter Workshop on Computational Geometry Jan 27 – Feb 3, 2006
Bellairs Research Institute, Holetown, Barbados (invited by *Godfried Toussaint*)

20th Bellairs Winter Workshop on Computational Geometry Jan 28 – Feb 4, 2005
Bellairs Research Institute, Holetown, Barbados (invited by *Godfried Toussaint*)

3rd Cuban Conference on Algorithms and Data Structures Apr 25 – 30, 2004
Havana, Cuba (invited by *Godfried Toussaint*)

19th Bellairs Winter Workshop on Computational Geometry Jan 30 – Feb 6, 2004
Bellairs Research Institute, Holetown, Barbados (invited by *Godfried Toussaint*)

CONFERENCES

- Workshop on Algorithms and Data Structures* Aug 15 – 17, 2011
Polytechnic Institute of New York University, New York, NY, USA
- 23rd Canadian Conference on Computational Geometry* Aug 10 – 12, 2011
Fields Institute, Toronto, ON, Canada
- XIV Spanish Meeting on Computational Geometry* Jun 27 – 30, 2011
Universidad de Alcalá, Alcalá de Henares, Spain
- 27th European Workshop on Computational Geometry* Mar 28 – 30, 2011
Antoniushaus Morschach, Switzerland
- 22nd Canadian Conference on Computational Geometry* Aug 19 – 23, 2010
University of Manitoba, Winnipeg, MB, Canada
- 9th Latin American Theoretical Informatics* Apr 19 – 23, 2010
University of Oaxaca, Oaxaca, Mexico
- 26th European Workshop on Computational Geometry* Mar 22 – 24, 2010
Technische Universität Dortmund, Dortmund, Germany
- 7th Japan Conference on Computational Geometry and Graphs* Nov 11 – 13, 2009
University of Kanazawa, Kanazawa, Japan
- 21st Canadian Conference on Computational Geometry* Aug 17 – 19, 2009
University of British Columbia, Vancouver, QC, Canada
- 25th European Workshop on Computational Geometry* Mar 16 – 19, 2009
Université Libre de Bruxelles, Brussels, Belgium
- 18th Fall Workshop on Computational Geometry* Oct 31 – Nov 1, 2008
Rensselaer Polytechnic Institute, Troy, NY, USA
- 20th Canadian Conference on Computational Geometry* Aug 13 – 15, 2008
McGill University, Montréal, QC, Canada
- Canadian Conference on Computer Science and Software Engineering* May 12 – 13, 2008
Concordia University, Montréal, QC, Canada
- 19th Canadian Conference on Computational Geometry* Aug 20 – 22, 2007
Carleton University, Ottawa, ON, Canada

<i>Kyoto Int. Conference on Computational Geometry and Graph Theory</i> Kyoto University, Kyoto, Japan	Jun 11 – 15, 2007
<i>23rd European Workshop on Computational Geometry</i> Graz University of Technology, Graz, Austria	Mar 19 – 21, 2007
<i>16th Fall Workshop on Computational Geometry</i> Smith College, Northampton, MA, USA	Nov 10 – 19, 2006
<i>18th Canadian Conference on Computational Geometry</i> Queens University, Kingston, ON, Canada	Aug 14 – 16, 2006
<i>Summer School on Combinatorial Optimization: Methods and Application</i> University of Montréal, Montréal, QC, Canada	Jun 19 – 30, 2006
<i>Summer Research Conference on Discrete and Computational Geometry – Twenty Years Later</i> Snowbird, UT, USA	Jun 18 – 22, 2006
<i>15th Fall Workshop on Computational Geometry</i> University of Pennsylvania, Philadelphia, PA, USA	Nov 18 – 18, 2005
<i>17th Canadian Conference on Computational Geometry</i> University of Windsor, Windsor, ON, Canada	Aug 10 – 12, 2005
<i>14th Fall Workshop on Computational Geometry</i> Massachusetts Institute of Technology, Cambridge, MA, USA	Nov 19 – 20, 2004
<i>16th Canadian Conference on Computational Geometry</i> Concordia University, Montréal, QC, Canada	Aug 9 – 11, 2004
<i>CRM Workshop on Combinatorics, Probability, and Algorithms</i> University of Montréal, Montréal, QC, Canada	May 5 – 23, 2003

INVITED TALKS

<i>Geometric Reconfigurations with Folds and Unfolds</i> American University of Armenia, Yerevan, Armenia	Sep 2011
<i>The Geometry of Musical Rhythms</i> University of Antwerp, Antwerp, Belgium	Mar 2010
<i>Geometric Properties of Musical Rhythms</i> Karel de Grote-hogeschool, Antwerp, Belgium	Nov 2009

<i>Constructing Points on a Circle</i> Carleton University, Ottawa, ON, Canada	Nov 2008
<i>Geometric Properties of Musical Rhythms</i> American University of Armenia, Yerevan, Armenia	Jan 2008
<i>Sona Drawings and Gaussian Graphs</i> Université Libre de Bruxelles, Brussels, Belgium	Mar 2007
<i>Hamiltonian Cycles in Sparse Vertex-Adjacency Duals</i> McGill University, Montréal, QC, Canada	Oct 2004

COMMITTEES AND MEMBERSHIPS

<i>25th European Workshop on Computational Geometry</i> Université Libre de Bruxelles, Brussels, Belgium Program Committee Member	Mar 16 – 19, 2009
<i>20th Canadian Conference on Computational Geometry</i> McGill University, Montréal, QC, Canada Organizing Committee Member	Aug 13 – 15, 2008
<i>Summer School on Combinatorial Optimization: Methods and Application</i> University of Montréal, Montréal, QC, Canada Organizing Committee Member	Jun 19 – 30, 2006
<i>16th Canadian Conference on Computational Geometry</i> Concordia University, Montréal, QC, Canada Organizing Committee Member	Aug 9 – 11, 2004