
Yunhui He

*Department of Applied Mathematics
University of Waterloo
200 University Ave W
Waterloo, ON N2L 3G1, Canada
☎ +1 709-693-5249
✉ yunhui.he@uwaterloo.ca*

Conference Presentations and Invited Talks

- 08/2019 Contributed talk, AMMCS: Interdisciplinary International Conference on Applied Mathematics, Modeling and Computational Science, Waterloo, Ontario, Canada.
- 07/2019 Minisymposium talk, International Conference on Preconditioning Techniques for Scientific and Industrial Applications, Minneapolis, MN, USA.
- 03/2019 Contributed talk, 19th Copper Mountain Conference On Multigrid Methods, Copper Mountain, Colorado, USA.
- 02/2019 Minisymposium talk, SIAM Conference on Computational Science and Engineering, Spokane, Washington, USA.
- 07/2018 Contributed talk, 25th International Domain Decomposition Conference, St. John's, Newfoundland, Canada.
- 03/2018 Contributed talk, 15th Copper Mountain Conference On Iterative Methods, Copper Mountain, Colorado, USA.
- 12/2017 Invited talk, School of Mathematical Science of Capital Normal University, Beijing, China.
- 08/2017 Contributed talk, International Conference on Preconditioning Techniques for Scientific and Industrial Applications, Vancouver, Canada.
- 04/2017 Departmental Seminar Presentation, Memorial University, Canada.
- 03/2017 Contributed talk, 18th Copper Mountain Conference On Multigrid Methods, Copper Mountain, Colorado, USA.
- 03/2017 Minisymposium talk, SIAM Conference on Computational Science and Engineering, Atlanta, Georgia, USA.
- 12/2016 Invited talk, Institute of Computational Mathematics of University of Chinese Academy of Science, Beijing, China.
- 11/2016 Departmental Seminar Presentation, Memorial University, Canada.

Academic Visits and Conferences/Workshops

- 08/2018 Visit Drs. James Adler and Xiaozhe Hu at the Department of Mathematics of Tufts University, Boston, USA.

- 07/2018 AARMS Industrial Problem Solving Workshop 2018, Dalhousie University, Canada.
- 12/2017 Workshop on Computational Methods for Eigenvalue Problems, Beijing, China.
- 05/2017 2017 AARMS Workshops on Scientific Computing Software, St. John's, NL, Canada.
- 07/2016 2016 AARMS-CRM Workshop on Numerical Analysis of Singularly Perturbed Differential Equations, Halifax, NS, Canada.
- 12/2016 Visit Professor Hehu Xie at the Institute of Computational Mathematics of University of Chinese Academy of Science, Beijing, China.
- 03/2016 14th Copper Mountain Conference On Iterative Methods, Copper Mountain, Colorado, USA.

Teaching Experience

Instructor

- Fall 2018 Instructor for MATH 1000 (Calculus I), Memorial University
- Fall 2016 Lab Instructor for MATH 3132 (Numerical Analysis I), Memorial University

Math Help Centre

- Winter 2018 Assistant for MATH 1000/1001/2000 (Calculus I, II, III), Memorial University
- Winter 2017 Assistant for MATH 1000 (Calculus I), Memorial University
- Spring 2016 Assistant for MATH 1000/1001 (Calculus I, II), Memorial University
- Winter 2016 Assistant for MATH 1000/1001 (Calculus I, II), Memorial University
- Fall 2015 Assistant for MATH 1090 (Algebra and Trigonometry), Memorial University

Teaching Assistant

- Winter 2018 Marker for MATH 4133 (Numerical Optimization), Memorial University
- Fall 2017 Marker for MATH 2050 (Linear Algebra I), Memorial University
- Winter 2017 Marker for MATH 1000 (Calculus I), Memorial University
- Winter 2016 Marker for MATH 1000 (Calculus I), Memorial University