# SON N.T. TU

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**Research Interests:** Hamilton–Jacobi equations, free boundary problems, integro-differential equations, optimal control, homogenization, dynamical systems

## Academic Appointments

- *Assistant Professor* — Aug 2025 – Present
  Department of Mathematics, Baylor University, Waco, TX
- *Visiting Assistant Professor* — Aug 2022 – Jul 2025
  Department of Mathematics, Michigan State University (MSU), East Lansing, MI
- *Teaching Assistant* — 2015 – 2016
  Vietnam National University, Ho Chi Minh City (VNU-HCMC), Vietnam

## Education

- Mathematics Ph.D., University of Wisconsin-Madison (UW-Madison). Advisor: Hung Tran — Aug 2022
- B.S. Honors program in Mathematics, University of Science, VNU-HCMC — Aug 2015

## Publications and Preprints

*Preprints and Submitted Manuscripts*

18. Yuxi Han and **Son N. T. Tu**. "Effective Hamiltonians in Perforated Domains: Inf-Max formula and Stability." *Submitted (2026)* · *arxiv:2610.34910*

17. **Son N. T. Tu**, Jianlu Zhang, Siyao Zhu. "Convergence Rate of Birkhoff Average for Toral Quasi-Periodic Rotations and Applications." *Submitted (2026)* · *arxiv:2608.02489*

16. Tan-Phuc Nguyen, Minh-Binh Tran, **Son N. T. Tu**. "A Structure-Preserving Neural-Spectral Method for Reconstructing Controls of Wave Equations." *Submitted (2026)* · *arxiv:2606.28029*

15. Alain Bensoussan, Thien P.B. Nguyen, Minh-Binh Tran, **Son N. T. Tu**. "Operator Splitting, Policy Iteration, and Machine Learning for Stochastic Optimal Control". *Submitted (2026)* · *arxiv:2603.12167*

14. Yuxi Han and **Son N. T. Tu**. "Quantitative homogenization of Hamilton–Jacobi equations on perforated domains with Dirichlet boundary conditions". *Submitted (2025)* · *arxiv:2510.27099*

*Published*

13. Gengyu Liu, **Son N. T. Tu**, Jianlu Zhang. "Quantitative homogenization for static contact Hamilton-Jacobi equations". *Accepted to Indiana University Mathematics Journal (2026)* · *arxiv:2604.02693*

12. Russell Schwab, **Son N. T. Tu**, and Olga Turanova. "Well-posedness for viscosity solutions of the one-phase Muskat problem in all dimensions". *Journal of Functional Analysis, Volume 292, Issue 2, (Jan 2027), 111667* · *arxiv:2404.10972*

11. **Son N. T. Tu** and Jianlu Zhang. "Vanishing discount limits for first-order fully nonlinear Hamilton-Jacobi equations on noncompact domains". *Advances in Continuous and Discrete Models, Vol 2026, 58 (2026)* · *arxiv:2507.20472*

10. Prerona Dutta, Khai T. Nguyen, and **Son N. T. Tu**. "On the rate of convergence in superquadratic Hamilton–Jacobi equations with state constraints". *Nonlinear Differential Equations and Applications NoDEA, Vol 33, 63, (2026)* · *arxiv:2508.01528*

9. Bingyang Hu, **Son N. T. Tu**, and Jianlu Zhang. "Polynomial convergence rate for quasiperiodic homogenization of Hamilton–Jacobi equations". *Communications in Partial Differential Equations 50, no. 1–2 (February 1, 2025): 211–244.* · *arxiv:2405.11516*

8. **Son N.T. Tu** and Jianlu Zhang. "On the regularity of stochastic effective Hamiltonian". *Proceedings of the American Mathematical Society 153 (2025), pp. 1191-1203.* · *arxiv:2312.15649*

7. **Son N.T. Tu** and Jianlu Zhang. "Generalized convergence of solutions for nonlinear Hamilton–Jacobi equations with state-constraint". *Journal of Differential Equations 406 (Oct. 2024), 87-125.* · *arxiv:2303.17058*

6. Farid Bozorgnia, Dohyun Kwon, and **Son N.T. Tu**. "The regularity with respect to domains of the additive eigenvalues of superquadratic Hamilton–Jacobi equation". *Journal of Differential Equations, 402, (Sep. 2024), 518-553.* · *arxiv:2210.05544*

5. Yuxi Han and **Son N.T. Tu**. "Remarks on the vanishing viscosity process of state-constraint Hamilton–Jacobi equations". *Applied Mathematics & Optimization, 86(3) (Jun. 2022).* · *arxiv:2107.09860*

4. **Son N.T. Tu**. "Vanishing discount for Hamilton–Jacobi equation in nested domains". *Journal of Differential Equations, 317, (Apr. 2022), 32-69.* · *arxiv:2006.15800*

3. Yeon-Eung Kim, Hung Vinh Tran, and **Son N.T. Tu**. "State-constraint static Hamilton–Jacobi equations in nested domains". *SIAM Journal on Mathematical Analysis, 52(5) (Sep. 2020), 4161–4184.* · *arxiv:1906.11222*

2. **Son N.T. Tu**. "Rate of Convergence for Periodic Homogenization of Convex Hamilton–Jacobi Equations in One Dimension". *Asymptotic Analysis, 121(2) (Jan. 2021), 171–194.* · *arxiv:1808.06129*

*Refereed conference proceedings & papers*

1. Thu Nguyen, Quang M. Le, **Son N.T. Tu**, and Binh Nguyen. "Unequal Covariance Awareness for Fisher Discriminant Analysis and Its Variants in Classification". *2022 International Joint Conference on Neural Networks (IJCNN), (Jul. 2022).*

## Grants, Honors, and Awards

- *AMS-Simons Travel Grant* award 2026 — Jul 2026 – Jul 2028
- *Research Travel Support from the Office of Postdoctoral Affairs*, MSU — 2024
- *2023–2024 Postdoctoral Prize for Excellence in Teaching*, Department of Mathematics, MSU — 2024
- *Teaching Assistant Superior Rating* — FA 2017, FA 2018, FA 2019, FA 2020
  Mathematics Department, UW-Madison
- *Graduate Research Travel Grant*, Graduate School, UW-Madison — 2021
- *GSSC Fellowship*, Graduate School, UW-Madison — 2021
- *Excellence in Research Award*, Mathematics Department, UW-Madison — 2020
- *Outstanding Teaching Assistant Award*, Mathematics Department, UW-Madison — 2020
- *Vietnam Education Foundation (VEF) Fellowship* (declined) — 2016
- *Valedictorian Award*, University of Sciences, VNU-HCMC, Vietnam — 2015
- *Third prize, Vietnam Mathematical Olympiad* (VMO) — 2011
- *World Finalist*, Shing-Tung Yau High School Mathematics Awards, Beijing, China — 2010

## Services Contributions & Outreach

*Organizing*

- Co-organizer: *Summer Meeting 2026*. Saigon University (SGU), Vietnam — Jun 27, 2026
- Organizer: *Intensive Research Collaboration Program (IRCP 2026)* — Jun 01-09, 2026
  Organizer: *Workshop: Recent Developments in Hamilton–Jacobi Equations* — Jun 08-09, 2026
  Vietnam Institute for Advanced Study in Mathematics (VIASM), Hanoi, Vietnam
- Co-organizer: *Special Session on Advances and challenges in the study of nonlinear PDEs* — Oct 01-03, 2025
  AMS 2025 Fall Southeastern Sectional Meeting, Tulane University, New Orleans, LA, USA
- Co-organizer: — Mar 29-30, 2025
  *Special Session on Frontiers in Nonlinear PDEs and Applied Mathematical Challenges*
  AMS 2025 Spring Central Sectional Meeting, University of Kansas, Lawrence, KS, USA
- Co-organizer: *Madison PDEs Conference*, UW-Madison
  Originally scheduled for April 2020; canceled due to COVID-19
- Co-organizer: *AMS Student Chapter Seminar*, UW-Madison — 2018–2019

*University Service – Baylor University*

- Faculty Advisor, Möbius Mathematics Society — Sep 2025 – Present
  Advised student initiatives in learning and outreach, Baylor University.
- Committee Member, Baylor Math Circle — Sep 2025 – Present
  Support a middle school outreach program promoting interest and confidence in mathematics and STEM.
- Member, Ph.D. Dissertation Defense Committee (Mathematics) — May 25, 2026
- Session Chair, Faculty Contributed Talks, 105th Annual Meeting of the Texas Section Mathematical Association of America — Mar 27–28, 2026
- Invitation to Excellence – Friday Evening Reception, Baylor University — Feb 06-07, 2026

*Service*

- Guest Editor: Special Issue — 2026
  *Topical Collection Optimal Control, Mean-Field Games, and PDEs in Decision Models*
  *Advances in Continuous and Discrete Models (ACDM)*
- Referee for Mathematics Journals:
  - *Calculus of Variations and PDEs · Transactions of the American Mathematical Society* — 2026
    *SIAM Journal on Mathematical Analysis (SIMA, 3 reviews)*
    *Advances in Continuous and Discrete Models (ACDM, 2 reviews)*
  - *Mathematical Control and Related Fields · Advances in Continuous and Discrete Models (ACDM)* — 2025
    *Journal of Differential Equations (JDE) · MathScinet*
  - *Proceedings of the American Mathematical Society* — 2024
  - *Journal of Mathematical Physics · Journal of Geometric Analysis* — 2023
    *Discrete and Continuous Dynamical Systems (DCDS)*

*Community Service*

- Texas Section Project NExT Fellow, Mathematical Association of America (MAA) — 2025 – 2026
  Program supporting early-career faculty in undergraduate mathematics education.

- 20th Annual Texas Undergraduate Mathematics Conference (TUMC) Oct 18, 2025
  Co-led a team of seven Baylor undergraduates (Möbius Mathematics Society)
  to the conference at St. Mary's University, San Antonio.
- *Portal to the Public training* Mayborn Museum, Waco, Texas Sep 27, 2025
  Workshop on effective science communication and public engagement.
- Interactive STEM demonstration Mar 01, 2025
  for middle school students, as part of the *Girls Math and Science Day*, MSU
- Lead an interactive STEM demonstration table on "*Soap Bubbles and Minimal Surfaces*" Mar 09, 2024
  for middle school students, as part of the *Girls Math and Science Day*, MSU
- Judge for *University Undergraduate Research and Arts Forum 2023 (UURAF 2023)*, MSU Apr 14, 2023

## Teaching

*Ph.D. Student Supervision*

1. Danie Paraiso Summer 2026 – Present

*Undergraduate Research Mentoring*

- *Undergraduate Research Mentor* for Minh Nguyen, MSU Summer 2024 – Summer 2025
  *Uniqueness set for Hamilton-Jacobi equations with state-constraints*
  Awarded *College of Natural Science Undergraduate Research Support Scholarship* for Summer 2024.
- *Directed Studies* (MTH490): Minh Nguyen, MSU Spring 2024
  Topic: *Optimal control theory and viscosity solutions to Hamilton–Jacobi equations*
  with *Best Presentation Award* at the *21st Math Student Conference*, MSU
- *Directed Reading Program:* William Robert Korbitz and Luanda Cai, UW-Madison Spring 2019
  Topic: *Optimal Control for Linear Systems*
- *Undergraduate PDEs Summer School:* Daotong Ge and Hangyu Pi, UW-Madison Summer 2017
  Co-mentored with Hung Tran

| BAYLOR UNIVERSITY | | Role | # St | Term |
|---|---|---|---|---|
| Calculus Of Variations | MTH 6V23 | Instr. of Record | 8 | Fall 2026 |
| Calculus II | MTH 1322 | Instr. of Record | 19 | Fall 2026 |
| Graduate Research | MTH 6V00 19 | Instr. of Record | 1 | Fall 2025 |
| Graduate Research | MTH 6V00 19 | Instr. of Record | 1 | Summer 2025 |
| Linear Algebra | MTH 2311 | Instr. of Record | 30 | Spring 2026 |
| Calculus I | MTH 1311 | Instr. of Record | 28 | Fall 2025 |
| Multivariable Calculus (Calculus III) | MTH 2321 | Instr. of Record | 18 | Fall 2025 |
| Graduate Research | MTH 6V00 19 | Instr. of Record | 1 | Fall 2025 |

| MICHIGAN STATE UNIVERSITY | Role | # St | Term |
|---|---|---|---|
| Topic in Optimal Control Theory, MTH 496-002 (Capstone course) | Instr. of Record | 22 | Spring 2025 |
| Multivariable Calculus, MTH 234 | Instr. of Record | 191 | Fall 2024 |
| Matrix Algebra with Computational Applications, MTH/CMSE 314 | Instr. of Record | 30 | Summer 2024 |
| Directed Reading, MTH 490 (Introduction to Optimal Control Theory) | Instr. of Record | 1 | Spring 2024 |
| Multivariable Calculus, MTH 234 | Instr. of Record | 170 | Spring 2024 |
| Multivariable Calculus, MTH 234 | Instr. of Record | 60 | Fall 2023 |
| Linear Algebra and Application to Data Science, MTH/CMSE 314 | Instr. of Record | 60 | Spring 2023 |
| Linear Algebra and Application to Data Science, MTH/CMSE 314 | Instr. of Record | 60 | Fall 2022 |

| UNIVERSITY OF WISCONSIN–MADISON | Role | # St | Term |
|---|---|---|---|
| College Algebra, Math 112 | Instr. of Record | 60 | Fall 2021 |
| College Algebra, Math 112 | Instr. of Record | 30 | Spring 2021 |
| Undergraduate PDE, Math 619 | Teach. Asst. | $\sim 30$ | Spring 2021 |
| Business Calculus, Math 211 | Recitation Instr. | $\sim 30$ | Fall 2020 |
| Mathematical Analysis I, Math 521 | Teach. Asst. | $\sim 30$ | Summer 2020 |
| College Algebra, Math 112 | Recitation Instr. | $\sim 60$ | Fall 2019 |
| Multi-variable Calculus, Algebra & Differential Equations, Math 375 | Recitation Instr. | $\sim 30$ | Spring 2019 |
| Multi-variable Calculus, Algebra & Differential Equations, Math 376 | Recitation Instr. | $\sim 30$ | Fall 2018 |
| Business Calculus, Math 211 | Recitation Instr. | $\sim 60$ | Fall 2017 |
| Linear Algebra & Differential Equations, Math 319 | Recitation Instr. | $\sim 60$ | Spring 17 |
| Multi-variable Calculus 2, Math 222 | Recitation Instr. | $\sim 60$ | Fall 2016 |

| VIETNAM NATIONAL UNIVERSITY, HCMC | Role | # St | Term |
|---|---|---|---|
| Calculus II, MATH2153 (Excellent Program - Univ. of Informatics) | Recitation Instr. | $\sim 60$ | Spring 2016 |
| Calculus III, MATH253 (Adv. Comp. Sci. - Univ. of Science) | Recitation Instr. | $\sim 60$ | Fall 2015 |

## Selected Presentations

*Selected Invited talks*

39. *PDE/Applied Math Seminar* — Nov 16, 2026
Indiana University - Bloomington, Department of Mathematics

38. *Advances in Theory, Applications and Numerics for PDE and Optimal Control* — Nov 7-8, 2026
2026 Fall Western Sectional Meeting, Arizona State University, Tempe, Tempe, AZ
*Operator Splitting and Policy Iteration for Second-Order Hamilton–Jacobi Equations*

37. *Special session on Free Boundary Problems and Regularity for PDEs* — Nov 7-8, 2026
2026 Fall Western Sectional Meeting, Arizona State University, Tempe, Tempe, AZ

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36. *Applied Math Seminar* — Oct 19, 2026
Baylor University, Department of Mathematics
*Sharp Lower Bounds in Quasiperiodic Homogenization: Connections to Quantitative Ergodic Averages*

35. (Virtual) *ISQGD–SS16* — Oct 11, 2026
Special Session on Recreational Mathematics, Mathematical Games, Puzzles & Patterns
International Society for Quality Growth and Development (ISQGD).
*Irrational Motion, Uniform Distribution, and Homogenization*

34. *Homogenization in PDE and Stochastic Processes 2026* — Aug 24-26, 2026
Research Institute for Mathematical Sciences, Kyoto University (RIMS)
*Quantitative Quasi-Periodic Homogenization through Birkhoff Averages*

33. *Workshop on Pure and Applied Analysis 2026* — Aug 15-16, 2026
Texas A&M University, Department of Mathematics
*Convergence Rate of Birkhoff Average for Toral Quasi-Periodic Rotations and Applications*

32. *Workshop: Summer School and Workshop on Optimization and Decision Theory* — July 16, 2026
International Centre for Interdisciplinary Science and Education (ICISE)
07 Science Avenue, Quy Nhon Nam Ward, Gia Lai, Vietnam.
*Vanishing Viscosity for Hamilton–Jacobi Equations and Applications to Operator Splitting*

31. *Applied and Computational Mathematics Seminar*, Auburn University, Math Dept. — Apr 20, 2026
*Vanishing Viscosity for Hamilton–Jacobi Equations and Applications to Operator Splitting*

30. *Special Session on Interaction between Geometric and Analytic Aspects in PDEs* — Apr 18, 2026
2026 AMS Spring Central Sectional Meeting, North Dakota State University, Fargo, ND
*Vanishing Viscosity for Hamilton–Jacobi Equations and Applications to Operator Splitting*

29. *Baylor Applied Math Seminar*, Baylor University, Department of Mathematics — Mar 26, 2026
*Vanishing Viscosity for Hamilton–Jacobi Equations: overview and recent developments*

28. PDE Geometric Analysis seminar, University of Wisconsin - Madison — Feb 16, 2026
*Rates of Vanishing Viscosity for Hamilton–Jacobi Equations with State Constraints*

27. *Special Session on Advances and challenges in hyperbolic conservation laws* — Oct 25, 2025
Fall 2025 AMS Eastern Virtual Sectional Meeting, Virtual
*Vanishing discount limits for first-order fully nonlinear Hamilton-Jacobi equations on noncompact domains*

26. *Special Session on Recent Advances in Numerical Methods for ODE/PDEs and Their Applications* — Oct 04-05, 2025
Fall 2025 AMS Southeastern Sectional Meeting, Tulane University, New Orleans, LA
*Hamilton–Jacobi equations with state constraints*

25. (Online) Mitake-Tran PDE reading seminar, UW-Madison — Oct 01, 2025
*Rates of Vanishing Viscosity for Hamilton–Jacobi Equations with State Constraints*

24. *Baylor Applied Math Seminar*, Baylor University, Department of Mathematics — Sep 08, 2025
*Rates of Vanishing Viscosity for Hamilton–Jacobi Equations with State Constraints*

23. *Workshop on Partial Differential Equations, Mathematical Physics and Numerics 2025* — Aug 16-17, 2025
Texas A&M University, Department of Mathematics
*Rates of Vanishing Viscosity for Hamilton–Jacobi Equations with State Constraints*

22. (Withdrawn) Workshop: "*Recent progress in Hamilton–Jacobi equations and related topics*" — Jun 2-6, 2025
Nanjing, China

21. PDEs Seminar, University of Tennessee - Knoxville — Nov 07, 2024
*Convergence Rate for* 1D *Quasi-Periodic Homogenization of Hamilton-Jacobi Equations*

20. Colloquium, Minnesota State University - Mankato — Oct 29, 2024
Regularity and Vanishing Viscosity Rates in the Ergodic Problem

19. Analysis Seminar, University of Maryland, College Park — Oct 24, 2024
*Convergence Rate for* 1D *Quasi-Periodic Homogenization of Hamilton-Jacobi Equations*

18. Analysis and PDE Seminar, Michigan State University — Oct 16, 2024
*Regularity and Vanishing Viscosity Rates in the Ergodic Problem*

17. (Online) Analysis Seminar, Texas Tech University — Oct 14, 2024
*Remarks on the well-posedness of Viscosity Solutions for the One-Phase Muskat Problem*

16. Mini-workshop: Summer School in PDEs and Applications 2024 — Jul 27, 2024
Vietnam Institute for Advanced Study in Mathematics (VIASM) and Saigon University (SGU)
*Remarks on the well-posedness of Viscosity Solutions for the One-Phase Muskat Problem*

15. (Online) Virtual Student PDEs Seminar, UW–Madison — May 30, 2024
*Convergence Rate for* 1D *Quasi-Periodic Homogenization of Hamilton-Jacobi Equations*

14. PDEs Seminar, The Ohio State University — Apr 09, 2024
*Properties of the effective Hamiltonian and homogenization of the Hamilton-Jacobi equation*

13. (Online) Seminars on Analysis and Stochastic Analysis, Auburn University — Mar 27, 2024
*Properties of the effective Hamiltonian and homogenization of the Hamilton-Jacobi equation*

12. (Online) Early Career Math Colloquium, University of Arizona — Mar 21, 2024
*Properties of the effective Hamiltonian and homogenization of the Hamilton-Jacobi equation*

11. SIAM Great Lakes Meeting (SIAMGL) 2023, Michigan State University — Oct 15, 2023
Minisymposium: Nonlinear PDEs & Optimal Transport with Applications
*Generalized convergence of solutions to contact Hamilton–Jacobi equations with state-constraint*

10. Differential Equations and Nonlinear Analysis Seminar, North Carolina State University — Nov 09, 2023
*Generalized Convergence of Hamilton–Jacobi equations with state-constraint*

9. Applied Analysis Seminar, Stinghua University, China — Aug 03, 2023
*Generalized convergence of solutions to contact Hamilton–Jacobi equations with state-constraint*

8. Analysis Seminar, University of Science, VNU-HCMC — Jun 20, 2023
*Generalized convergence of solutions to contact Hamilton–Jacobi equations with state-constraint*

7. Madison PDEs Conference, UW-Madison — May 15-19, 2023
*Generalized convergence of solutions to contact Hamilton–Jacobi equations with state-constraint*

6. (Online) Academy of Mathematics and Systems Science, Chinese Academy of Science — Apr 19, 2023
*The regularity with respect to domains of the additive eigenvalues of superquadratic Hamilton–Jacobi equation*

5. (Online) Academy of Mathematics and Systems Science, Chinese Academy of Science — Apr 26, 2023
*Remarks on the rate of convergence for vanishing viscosity procedure*

4. Applied Math Seminar, University of North Carolina - Charlotte — Sep 24, 2021
*Remarks on the rate of convergence for vanishing viscosity procedure*

3. (Online) PDE Real Analysis Seminar — Oct 27, 2020
Graduate School of Mathematical Sciences, The University of Tokyo
*Vanishing discount problems for Hamilton–Jacobi equations on changing domains*

2. PDEs and Geometric Analysis Seminar, UW-Madison — Sep 23, 2019
*State constraints static Hamilton–Jacobi equations in nested domains*

1. 11th Summer Meeting Conference, University of Science, VNU-HCMC — Jul 30, 2019
*State constraints static Hamilton–Jacobi equations in nested domains*

*Selected Contributed Talks & Posters*

8. Poster: IMSI's workshop Mathematical Modeling of Biological Interfacial Phenomena — Dec 09-13, 2024
The Institute for Mathematical and Statistical Innovation, University of Chicago
*Convergence rate for quasi periodic homogenization of Hamilton–Jacobi equations*

7. Boston University/Keio University/Stinghua University Workshop 2024 — Jun 01, 2024
on Differential Equations, Dynamical Systems and Applied Mathematics
*Rate of convergence for quasi-periodic homogenization of Hamilton–Jacobi equation and application*

6. Analysis and PDE Seminar, Michigan State University — Apr 17, 2024
*Convergence Rate for 1D Quasi-Periodic Homogenization of Hamilton-Jacobi Equations*

5. $88^{\text{th}}$ Midwest PDEs Seminar, The Ohio State University — Apr 26-28, 2024
*Convergence Rate for* 1D *Quasi-Periodic Homogenization of Hamilton-Jacobi Equations*

4. Poster: 8th Annual Scholar Showcase — Apr 06, 2024
   Office of International Students and Scholars, Michigan State University
   *On the regularity of the stochastic Hamiltonian*

3. Concentration week on Geometry and Analysis, University of Texas A&M — Jul 29, 2022
   *Remarks on rate of vanishing viscosity for Hamilton–Jacobi equations*

2. Geometric and Harmonic Analysis 2019, University of Connecticut — Mar 30, 2019
   *Some recent works on homogenization of Hamilton–Jacobi equations*

1. Poster: CNA Workshop 2019: Mathematical Models for Pattern formation — Mar 08, 2019
   Carnegie Mellon University
   *Homogenization of Hamilton–Jacobi equations: Rate of convergence*

*Selected Conferences, Workshops Attended & Research Visits*

8. AMS 2026 Fall Western Sectional Meeting, Arizona State University, Tempe, Tempe, AZ — Nov 7-8, 2026

7. *Workshop: Applied Mathematics Workshop 2026* — July 20-21, 2026
   University of Economics Ho Chi Minh City (UEH), Vietnam

6. 105th Annual Meeting of the Texas Section of the Mathematical Association of America — Mar 27–28, 2026

5. AMS 2025 Fall Southeastern Sectional Meeting, Tulane University — Oct 01-03, 2025

4. *Workshop on Partial Differential Equations, Mathematical Physics and Numerics 2025* — Aug 16-17, 2025
   Department of Mathematics, Texas A&M University

3. American Institute of Mathematics — Apr 14-18, 2025
   AIM workshop: *Integro-differential equations in many-particle interacting systems*
   Richard N. Merkin Center for Pure and Applied Mathematics, Caltech

2. AMS 2025 Spring Central Sectional Meeting, University of Kansas — Mar 29-30, 2025

1. IMSI's workshop *Mathematical Modeling of Biological Interfacial Phenomena* — Dec 09-13, 2024
   The Institute for Mathematical and Statistical Innovation, the University of Chicago