

1 of 2

POSTERS

- [6] Hugo Díaz, **Gabriela Ramon**, Arvind K. Saibaba, **Geena Sarnoski**, and **Vasishta Tumuluri**. "Multifidelity Sensor Placement in Bayesian State Estimation Problems." Joint Mathematics Meetings, American Mathematical Society, January 4-7, 2026, Washington, D.C.
- [7] Hugo Díaz, Gabriela Ramon, Arvind K. Saibaba, Geena Sarnoski, and **Vasishta Tumuluri**. "Multifidelity Sensor Placement in Bayesian State Estimation Problems." Triangle Computational and Applied Mathematics Symposium, North Carolina State University, November 8-9, 2025, Raleigh, NC.
- [8] Brittany Fasy, Brendan Mumey, **Nate Rengo**, Braeden Sopp, **Vasishta Tumuluri**, and Binhai Zhu. "Parametric Shortest Paths on Affine Combinations of Weighted Directed Graphs." Summer Research Symposium, Montana State University, August 1, 2024, Bozeman, MT.

TEACHING

University of North Carolina, Chapel Hill, NC

Undergraduate Teaching Assistant

- MATH 130 (Precalculus Mathematics) (Spring 2026)
- MATH 521 (Advanced Calculus I) (Fall 2024)

GRANTS

- (i) NSF 25-547: NSF Graduate Research Fellowship Program (GRFP), Fiscal Year 2026 competition. Total award amount: \$159,000. *Applied/pending*.
- (ii) American Mathematical Society undergraduate travel grant for research presentation at the Joint Mathematics Meetings 2026 (funded by NSF-DMS-2015553). Total award amount: \$1,000. *Awarded*.

TECHNOLOGY

Proficient: Python, Julia, \LaTeX
Familiar: R, MATLAB, Java