

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,  $\text{\LaTeX}$   
Familiar: R, MATLAB, Java