

ACMS Grad & Postdoc Seminar



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Wednesday, October 15, 2025
154 Hurley Hall
3:30 PM – 4:30 PM

Introduction to Navier Stokes Cahn Hilliard System

In this talk, I will give a brief introduction to the famous Navier Stokes Cahn Hilliard system. I will start from the modeling of multiphase fluid flow problems, and derive the governing equations based on phase field method. Then I will talk about an efficient numerical algorithm to solve such system. Finally some numerical examples will be presented.

The Department of Applied and Computational
Mathematics and Statistics
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