



BRIN MATHEMATICS
RESEARCH CENTER

Summer School: Tracer Mixing in Fluids Across Planetary Scales

July 8, 2024 - July 19, 2024

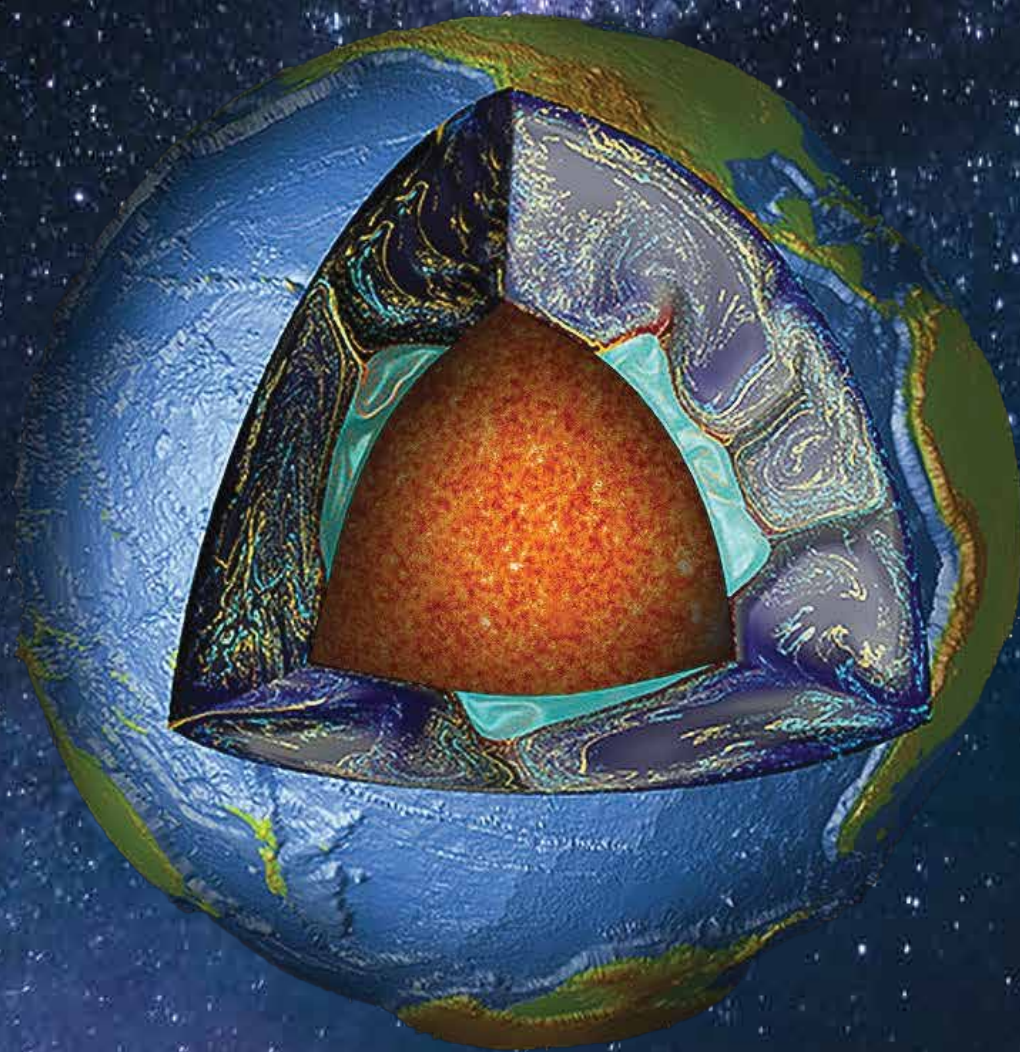
This two-week summer school will study tracer mixing on Earth, across the Solar System, and on exoplanets. Topics will include Earth's interior dynamics, geophysical fluid dynamics, physical oceanography, and atmospheric circulation, along with fluid mixing in Solar System objects from Venus to the gas and ice giant planets along with their icy moons, and the broad range of hot, warm, and temperate exoplanets that have or will be characterized by astronomical observations.

Organizers

Thaddeus Komacek, University of Maryland
Vedran Lekic, University of Maryland
Jacob Wenegrat, University of Maryland

Speakers

Peter Driscoll, Carnegie Institution for Science
Baylor Fox-Kemper, Brown University
Jake Gebbie, Woods Hole Oceanographic Institution
Wanying Kang, Massachusetts Institute of Technology
Cheng Li, University of Michigan
Mingming Li, Arizona State University
Marianna Linz, Harvard University
Deep Ray, University of Maryland
Xianyu Tan, Tsung-Dao Lee Institute, China
Xi Zhang, University of California Santa Cruz



Application Deadline for Best Consideration:
February 5, 2024

<https://www.mathprograms.org/db/programs/1545>



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