

Rotating Turbulence: Interplay and Separability of Bulk and Boundary Dynamics

January 27 - 31, 2025

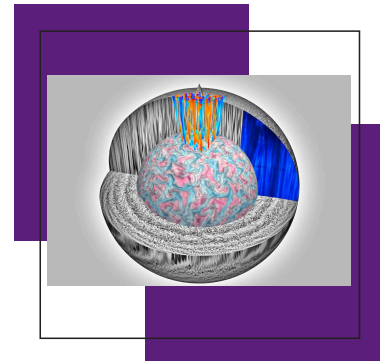
Scientific Overview

This IPAM workshop will bring together the rotating turbulence community to address the complex interplay between boundary and bulk dynamics in rotating convection systems. A successful meeting will yield new theoretical, numerical and laboratory approaches for both deconvolving boundary from bulk processes and for better modeling how the boundary and bulk flows interact and alter each other. Such knowledge is necessary for building the next generation of geophysical and astrophysical fluid dynamical turbulent transport schemes and for elucidating when boundary phenomena will dominate over bulk processes in natural systems.

This workshop will include a poster session; a request for posters will be sent to registered participants in advance of the workshop.

Participation

Additional information about this workshop including links to register and to apply for funding, can be found on the webpage listed below. Encouraging the careers of women and minority mathematicians and scientists is an important component of IPAM's mission, and we welcome their applications.



Organizers

Jonathan Aurnou (University of California, Los Angeles (UCLA))

Susanne Horn (Coventry University)

Keith Julien (University of Colorado Boulder)

Rudie Kunnen (Technische Universiteit Eindhoven)

Speakers

To Be Determined.

