

CMM PDE Seminar

Speaker: Sameer Iyer, (University of California, Davis).

Title: Reversal in the Stationary Prandtl Equations.

Abstract: We investigate reversal and recirculation for the stationary Prandtl equations. Reversal describes the solution *after* the Goldstein singularity, and is characterized by spatio-temporal regions in which $u > 0$ and $u < 0$. The classical point of view of regarding the Prandtl equations as an evolution $x \times t$ completely breaks down. Instead, we view the problem as a quasilinear, mixed-type, free-boundary problem. Joint work with Nader Masmoudi.

Monday, August 14, 2023 at 12 Santiago time.

Venue: Online via Zoom / Sala de Seminarios, 5th floor, Beauchef 851

El link para acceder a zoom:

<https://reuna.zoom.us/j/82328336666?pwd=RjR4WjVMZ3E1a0QzNjFpeG1XeWNmQT09>

For further information, see our webpage: <https://eventos.cmm.uchile.cl/pdeseminar/>

