

# MECH 923

## Convection Heat Transfer

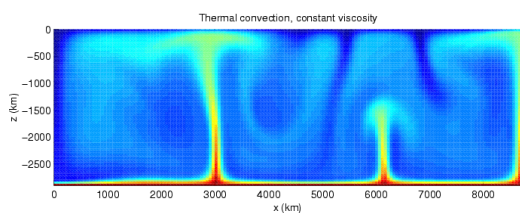
**Instructor:** Dr. Sidy Ndao

**When:** MW 3:00PM to 4:15PM

**Where:** NH W130 City Campus

### Topics:

- Fundamental Principles & Conservation Equations
- Laminar Boundary Layer Flow
- Laminar Duct Flow
- Instability & Turbulence
- Turbulent Flow & Heat Transfer
- External Natural Convection
- Internal Natural Convection
- Convection with Change of Phase
- Convection at Nano & Microscale



Source: Wikipedia

