

# Undergraduate Colloquium

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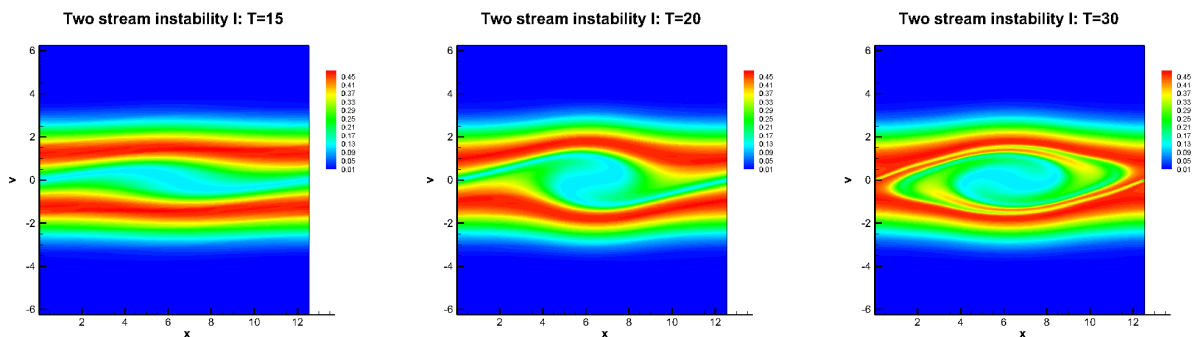
University of Houston

## Computational Methods and Applications in Plasma Physics and Meteorology

January 29, 2014  
4:15pm CBB 110

### Abstract

I will introduce basic but fundamental concepts in the area of scientific computing, and discuss high order numerical methods for hyperbolic type equations. I will present simulation results that arise from various applications, such as global transport problem and plasma physics.



Evolution of an instability; T=time

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