1 Monday: Rayleigh-Taylor Instability

8:30 am. Breakfast
8:50 am. Welcome.
9 am. Linear Theory Troy Carter
10:20 am. Coffee.
10:40 am. Magnetized Rayleigh-Taylor-Parker Ellen Zweibel
12:00 pm. Student talk
12:30 pm. Lunch
2:00 pm. Outstanding problems in Rayleigh-Taylor Dmitri Ryutov
3:20 pm. Student talk.
3:50 pm. Tea
4:10 pm. Homework
5:30 pm. Drinks + Homework

2 Tuesday: Kink Modes

8:30 am. Breakfast
9 am. Simple Linear Theory Steve Cowley
10:20 am. Coffee.

10:40 am. Formal theory of MHD Stability. Andrei Simakov

12:00 pm. Student talk

12:30 pm. Lunch

2:00 pm. Kink Modes in Fusion Experiments Dylan Brenan

3:20 pm. Student talk.

3:50 pm. Tea

4:10 pm. Homework

5:30 pm. Drinks + Homework

3 Wednesday: Tearing Modes

8:30 am. Breakfast

9 am. Simple Linear Theory Cary Forest

10:20 am. Coffee.

10:40 am. Nonlinear Theory Dmitri Uzdensky.

12:00 pm. Student talks

FREE AFTERNOON

4 Thursday: Magneto-rotational instability and Velocity Shear Driven Modes.

8:30 am. Breakfast

9 am. Linear theory of MRI and Kelvin-Helmholtz Bill Dorland

10:20 am. Coffee.

10:40 am. Nonlinear MRI Jeremy Goodman and Hantao Ji

12:00 pm. Student talk
12:30 pm. Lunch

2:00 pm. Kinetic Theory of MRI Eliot Quataert

3:20 pm. Student talk.

3:50 pm. Tea

4:10 pm. Homework

5:30 pm. Drinks + Homework

5 Friday: Kinetic Instability

8:30 am. Breakfast

9 am. Cosmic Ray Streaming Instability Ellen Zweibel

10:20 am. Coffee.

10:40 am. Firehose and Mirror Instability Alex Schekochihin

12:00 pm. Student talk

12:30 pm. Lunch

2:00 pm. Kinetic instabilities in Space Plasmas Margaret Kivelson To be confirmed

3:20 pm. Student talk.

3:50 pm. Tea

4:10 pm. Homework

5:30 pm. Drinks + Homework

6 Saturday: Alfvén Instabilities in Burning Plasmas

8:30 am. Breakfast

9 am. Alfvén Modes in Tokamaks and ITER Jim Van Dam
10:40 am. Nonlinear theory of Alpha Particle driven modes Boris Breizman

12:00 pm. Student talk

12:30 pm. Lunch

2:00 pm. Fast Particle Instabilities in Experiments – issues and prospects Bill Heidbrink

3:20 pm. END