

# ECC Workshop on Edge Plasma Code Verification

(Tentative Agenda)

Friday, April 20, 2007  
San Diego, CA

Meeting location: Bahia Hotel

**1:00 pm**

## Session 1: ELM stability (Chair, P. Snyder)

1:00 – 1:15 pm	Phil Snyder: MHD Code Verification for Intermediate to High Toroidal Mode Number Edge Localized Instabilities
1:15 – 1:30 pm	Scott Kruger: <i>Comparison of Ideal and Resistive MHD Codes in Solving Peeling-Ballooning Modes</i>
1:30 – 1:45 pm	Alexi Pankin: <i>Verification of NIMROD and ELITE MHD codes through development of a model for the width of ELM crashes</i>
1:45 – 2:00 pm	Hank Strauss: <i>Linear ELM stability with M3D</i>
2:00 – 2:15 pm	Maxim Umansky: <i>BOUT simulation of ballooning instability in tokamak edge</i>
2:15 – 3:00 pm	Group discussion

**3:00-3:15 Coffee break**

## Session 2: Transport edge plasma simulations (Chair, D. Stotler)

3:15 – 3:30 pm	C-S Chang, <i>CPES particle-based simulations</i>
3:30 – 3:45 pm	Ron Cohen, <i>ESL continuum-based simulations</i>
3:45 – 4:00 pm	Tom Rognlien: <i>Update on UEDGE/SOLPS ITPA benchmark activity for edge transport</i>
4:15 pm	Group discussion

## As time permits: Discussion of turbulence edge simulations

S. Muller, V. Naulin, and others

**5:00 Adjourn**