

MONDAY MORNING NOVEMBER 6 - Chair M. Okabayashi

8:00 Registration

8:15 Welcome - R. Goldston

8:20 Plans & issues for MHD control in ITER - M. Shimada

9:00 MHD control in JET for ITER - H. Koslowski

9:40 Issues of MHD control in stellarator burning plasmas - M. Zarnstorff

10:20 BREAK

10:35 RFP concept contributions to burning tokamak plasmas like ITER - J. Finn

11:15 Optimal Adaptive Feedback for ITER? – A. Sen (CONTRIB)

11:40 Adaptive control of RWM - Z. Sun (CONTRIB)

12:05 GROUP PHOTO, LUNCH

MONDAY AFTERNOON – Chair T. Ozeki

1:00 Status of rotating wall machine - W. Bergerson (CONTRIB)

1:25 Issues of error field control for ITER - M. Schaffer (CONTRIB)

1:50 Full-MHD code for instabilities – Y. Kagei (CONTRIB)

2:15 Rotational stabilization of the RWM in DIII-D – H. Reimerdes (CONTRIB)

2:40 Influence of delta prime and rotation on NTM thresholds - R. Buttery (CONTRIB)

3:05 BREAK

3:20 Energetic particle influence of macro MHD - R. Betti (tutorial)

4:00 Sawteeth and fast particle control - J. Graves

4:40 Sawteeth control by ECCD / Fast ion losses by NTMs in AUG - P. Martin

5:20 Explosive growth and nonlinear dynamics of forced magnetic islands –
Y. Ishii (CONTRIB)

5:45 Effect of neoclassical viscosity on error field penetration – A. Cole (CONTRIB)

6:10 END, SHUTTLE TO HOLIDAY INN

TUESDAY MORNING NOVEMBER 7 – Chair P. Martin

8:00 RWM control in ITER - G. Navratil

8:40 Observer design for RWM detection - D. Maurer (CONTRIB)

9:05 RWM control in the RFX-mod - T. Bolzonella

9:45 BREAK

10:05 RWM control in T2R - P. Brunzell

10:45 RWM control in NSTX - S. Sabbagh

11:25 RWM control in DIII-D – A. Garofalo

12:05 Push-pull RWM actuator coils – F. Perkins (REMOTE CONTRIB)

12:25 LUNCH

TUESDAY AFTERNOON – Chair R. La Haye

1:30 RWM analyses of JT-60SA - G. Kurita (CONTRIB)

1:55 RWM passive stabilization in NSTX – A. Sontag (CONTRIB)

2:20 ELM control - H. Strauss (CONTRIB)

2:45 ELM dynamics and control - A. Aydemir (CONTRIB)

3:10 BREAK

3:25 MHD control in TEXTOR - H. Koslowski (CONTRIB)

3:50 MHD and control issues in LHD - K. Watanabe

4:30 RF issues for ITER - M. Laxaback (CONTRIB)

4:55 Control of SOLC – H. Takahashi (CONTRIB)

5:20 Interaction between magnetic islands and electrostatic turbulence – F. Militello (CONTRIB)

5:45 END, SHUTTLE TO HOLIDAY INN, BANQUET (OPTIONAL) AT 6:30

WEDNESDAY MORNING NOVEMBER 8 – Chair J. Sarff

8:00 NTM control in ITER – M. Maraschek for H. Zohm

8:40 Modulated ECCD control of NTMs in AUG - M. Maraschek

9:20 Magnetic steering and ECCD mitigation of locked NTMs in DIII-D - F. Volpe
(CONTRIB)

9:45 Tearing mode control in RFX-mod - L. Marrelli

10:25 BREAK

10:40 RWM Optimal Control Techniques - O. Katsuro-Hopkins (CONTRIB)

11:05 Plans for MHD control in JT60-SA based on JT60-U results - T. Ozeki

11:45 Plans for MHD control in KSTAR - K. You

12:25 LUNCH AND SHOWING OF 1953 MOVIE “THE MAGNETIC MONSTER”

WEDNESDAY AFTERNOON – Chair G. Navratil

2:00 USBPO, theme of next meeting at Columbia University
after 2007 APS meeting in Orlando

2:45 END