

CMSO Workshop on Imbalanced MHD Turbulence

Pyle Center

702 Langdon Street, Madison, WI, 53706-1420

April 19 – 20, 2010

WEB page: http://www.cmso.info/html/CMSO-UW_APR_10.html

Please allow at least 10 min of discussions time at the end of 50 min talks, and
at least 5 min of discussions time at the end of 20-30 min talks.

April 19

9:00	Introduction to workshop	Paul Terry
9:10	“A short overview of properties of solar wind turbulence”	Melvyn Goldstein
10:00	“Weak and strong cascading in imbalanced turbulence”	Alexander Lazarian
10:50	Break	
11:10	“Testing of imbalanced turbulence models”	Andrey Beresnyak
12:00	Lunch (on your own at nearby lunch venues)	
1:30	“Imbalanced turbulence in the solar wind: observations and theory”	John Podesta
2:20	“Strong imbalanced MHD turbulence”	Stanislav Boldyrev
3:10	Break	
3:30	“Numerical simulations of strong MHD turbulence with cross helicity”	Jean Carlos Perez
4:20	Discussion session	
5:30	Adjourn	
6:30	Conference dinner	

April 20

9:00	“New results on weak imbalanced turbulence”	Andrey Beresnyak
9:30	“High frequency magnetic fluctuations at MST”	John Sarff
10:00	“Turbulent mechanisms for non-Gaussian statistics in pulsar scintillation”	Paul Terry
10:30	Break	
10:50	TBA	Ben Brown
11:20	“Dynamo action in low-Prandtl helical turbulence”	Leonid Malyskhin
11:50	Adjourn & Lunch (on your own at nearby lunch venues)	

Please note: The second day of the CMSO workshop, April 20, will be shared with the Midwest Magnetic Field Workshop (MMFW), which will be held in the same conference hall after lunch and will also proceed on April 21. The registration for the MMFW is free. The information about the event can be found at <http://www.astro.wisc.edu/~hoang/workshop.html>