

2020 FALL SWT - Discussion Session on Kinetic Turbulence

SCIENCE SPLINTER: 1pm Eastern, 10am Pacific, 7pm Paris, 2am Tokyo

Please contact the following to participate/contribute: Alexandros Chasapis (alexandros.chasapis@lasp.colorado.edu)

3-min flash talks plus discussion led by the Chairs

Goal: ID major projects/questions underway and those still to be addressed – Spawn further collaborations

SESSION NOTES AND LINE UP:

Order	Speaker	Title
0	Session Chairs	NOTES, Intro
I. Kinetic Turbulence		
1	Alexandros Chasapis	Results from 2019 Turbulence campaign
2	Owen Roberts	Density Fluctuations in the Solar Wind Spacecraft Potential
3	Bill Matthaeus /Yanwen Wang	Survey of Kinetic Dissipation in the Magnetosheath
4	John Dorelli	Dissipation in collisionless plasmas: What can we learn from MMS?
5	Arya S Afshari	Electron Landau Damping and Wave Energy Flux in the Magnetosheath
II. Reconnection & Turbulence		
6	Rick Wilder	Whistler Waves and Electron-Scale Reconnection in the Turbulent Magnetosheath
7	Subash Adhikari	Magnetic Reconnection as a Turbulent Cascade
8	Narges Ahmadi	Electric field Fluctuations in Magnetotail Turbulence
9	Riddhi Bandyopadhyay	Observation of Inertial-range Energy Cascade within a Reconnection Jet in Earth's Magnetotail
10	Prayash Sharma Pyakurel	Enhanced Reconnection Rate in Three-Dimensional Electron-Only Reconnection
11	Matthew Argall	Onset of electron-scale turbulence in the reconnection exhaust
Discussion		

UPLOAD PRESENTATIONS FOR THIS SESSION HERE:

Changes? reloading the same file name should overwrite the old one.

File	Modified
PDF File Adhikari_MMSSWT_October2020.pdf	Oct 08, 2020 by Narges Ahmadi
PDF File Afshari_MMSSWT_October2020.pdf	Oct 08, 2020 by Arya Afshari
PDF File argall_Turbulence-Onset_Virtual-MMS-SWT_8-Oct-2020.pdf	Oct 08, 2020 by Matt Argall
PDF File Chasapis_sw_turb_campaign.pdf	Oct 08, 2020 by Alexandros Chasapis
Microsoft Powerpoint Presentation Dissipation_MMS.pptx	Oct 08, 2020 by John Dorelli
Microsoft Powerpoint Presentation Matthaeus-MMS_SWT-Turb-Splinter-PiD-theory-8Oct2020-smaller.pptx	Oct 08, 2020 by William Matthaeus
PDF File MMS_SWT_Talk.pdf	Oct 01, 2020 by Owen Roberts
Microsoft Powerpoint Presentation Narges_Turbulence_MMS_2020.pptx	Oct 08, 2020 by Narges Ahmadi
PDF File riddhib_tail_cascade_MMS_SWT_Oct08_2020.pdf	Oct 08, 2020 by Riddhi Bandyopadhyay
PDF File SWT_splinter_KT_prayash.pdf	Oct 08, 2020 by Prayash Pyakurel
Microsoft Powerpoint Presentation Yanwen Wang-PiD-survey-MMS_SWT-Turb-splinter-8Oct2020.pptx	Oct 08, 2020 by William Matthaeus

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