

# 2020 FALL SWT - Discussion Session on Kinetic Structures Shaping the Flanks

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

**Please contact the following to participate/contribute:** tbd, tbd, tbd, tbd, tbd

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 Chair	NOTES, Intro
1	Brandon Burkholder	MMS Observations of Electron Acceleration Mechanisms in the Magnetosheath
2	Mojtaba Akhavan-Tafti	Comparative Analysis of the Vlasiator Simulations and MMS Observations of Multiple XLine Reconnection and Flux Transfer Events
3	Yi Qi	Temporal Evolution of Flux Tube Entanglement at the Magnetopause as Observed by the MMS Satellites
4	Yingdong Jia	Temporal Evolution of Flux Rope Entanglement in 3-D Hall MHD Simulations
5	Kevin Alexander Blasl	Kelvin-Helmholtz waves at the magnetopause during southward IMF
6	Takuma Nakamura	3D simulations of magnetopause Kelvin-Helmholtz instability during southward IMF
7	Hiroshi Hasegawa (presented by Takuma)	Generation of Turbulence in KHV at the Earth's magnetopause: MMS observations
8	Adriana Settino	Numerical and <i>in-situ</i> analysis of Kelvin-Helmholtz instability
9	Joo Hwang with all	Discussion with ideas for the extended MMS mission
10		

## UPLOAD PRESENTATIONS FOR THIS SESSION HERE:

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

File	Modified
ZIP Archive Akhavan-Tafti_MMS SWT_Oct2020.pptx.zip	Sep 29, 2020 by Mojtaba Akhavan-Tafti
Microsoft Powerpoint Presentation Hasegawa_turbulence_generation_SWT20201007.pptx	Oct 07, 2020 by Takuma Nakamura
Microsoft Powerpoint Presentation MMS_SWT_burkholder_highenergy_electrons.pptx	Oct 07, 2020 by Brandon Burkholder
Microsoft Powerpoint Presentation MMS_SWT2020_KH_TakumaNakamura.pptx	Oct 07, 2020 by Takuma Nakamura
PDF File Oct052020MMSFIs.pdf	Oct 01, 2020 by Jia Yingdong
PDF File qi_flux_tube_entanglement_mms_swt20201007.pdf	Oct 07, 2020 by Yi Qi
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