

2020 FALL SWT - Discussion Session on Magnetic Reconnection II

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

Please contact the following to participate/contribute:

Kevin Genestreti, Mojtaba Akhavan-Tafti, Kris Pritchard, Tony Rogers, Yi-Hsin Liu

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	Kevin Genestreti	NOTES, Intro
<i>Flash talks (4 min talks plus 3 min questions / discussion)</i>		
1	Giovanni Lapenta	3D Simulation of electron scale turbulent currents in reconnection outflows
2	Kris Pritchard	Dayside reconnection rates
3	Xiaocan Li	The effect of thermal pressure on collisionless magnetic reconnection rate
4	Dominic Payne	Particle tracing and electron acceleration near EDRs
5	Giulia Cozzani	Observations of lower hybrid drift waves in a disturbed electron diffusion region in Earth's magnetotail
6	Kyunghwan Dokgo	The effects of upper-hybrid waves on energy dissipation near the electron diffusion region
7	Weijie Sun	Energetic electrons in Ion-Scale Flux Ropes in the Plasma Sheet
8	Håkon M. Kolstø	A comparison of PIC and MMS: Ionospheric oxygen ions in magnetic reconnection in Earth's magnetosphere
9	Misha Sitnov	Global structure of magnetotail reconnection: Data mining results
10	Marc Swisdak	Reversibility in Magnetic Reconnection
<i>Discussion</i>		
11	Lead by Tony Rogers	Nightside reconnection discussion

UPLOAD PRESENTATIONS FOR THIS SESSION HERE:

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

File	Modified
PDF File Lapenta_splinter.pdf	Oct 07, 2020 by Giovanni Lapenta
PDF File mms.pdf	Oct 07, 2020 by Marc Swisdak
PDF File MMSswtm_2020_cozzani.pdf	Oct 07, 2020 by Giulia Cozzani
PDF File slides_mms_swt_XLI.pdf	Oct 07, 2020 by Xiaocan Li
Microsoft Powerpoint Presentation SW T_2020F_Sitnov_v2R.pptx	Oct 07, 2020 by Mikhail Sitnov
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