

Dear colleague,

Welcome to session ST1.7!

If you are interested in solar or space physics, especially, if you want to know more about processes related to current sheets and/or plasmoids/blobs/magnetic islands/flux ropes of various sizes and origins, you are in the right place at the right time!

Here you can find how dynamics of these structures impact magnetic reconnection, turbulence and particle acceleration from the solar corona to the outer heliosphere, and why these complex phenomena represent an important piece of the space weather puzzle.

Do not hesitate to ask questions, using the online chat opportunity below. Not all questions can be answered so far, but you will certainly get an exciting discussion. :-)

Please note that we organize a related Zoom conference on Wednesday, 2020 May 6, therefore there is an opportunity to communicate with some authors directly before or after the official EGU chat time. The program of the virtual meeting and the corresponding Zoom conference link can be found here:

<https://drive.google.com/open?id=1k2uHDQnWPIHES3hXfKiy8VEYYFfyhM-8> .

You are welcome to attend!

Best regards,

Conveners of session ST1.7