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Subject: EGU MMS Session
Date: 9 December, 2016 at 12:39
To: Nakamura, Rumi Rumi.Nakamura@oeaw.ac.at
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Dear all,

Please consider presenting your exciting Phase 1 results at our MMS session (ST2.2) in EGU General Assembly 2017 held in Vienna, 24-28 April 2017 (<http://egu2017.eu/home.html>)

Below is the direct link to the abstract submission page. (after login with your EGU account)

<http://meetingorganizer.copernicus.org/EGU2017/abstractsubmission/24853>

ST2.2

Plasma boundaries and transients explored by Magnetospheric Multiscale (MMS)

Conveners: Rumi Nakamura, Yuri Khotyaintsev, Michael Hesse, Matthew Argall

The Magnetospheric Multiscale (MMS) mission, launched in March, 2015, consists of four identical spacecraft separated by as little as 7 km, and aims to explore and understand the fundamental plasma processes in the Earth's magnetosphere. Its high-time resolution instrumentation can for the first time resolve electron-scale processes. MMS has two mission phases; one with apogee at near Earth, i.e, 12 Earth radii (phase 1), which will be completed in early 2017, and another with apogee raised to about 25 Re (in phase 2). These orbits are optimized to encounter key plasma boundaries where reconnection takes place: the dayside magnetopause (phase 1) and the magnetotail current sheet (phase 2). In this session, we highlight new results based on MMS phase 1 observations at different plasma boundaries: magnetopause, low-latitude boundary layer, bow shock, and plasma sheet boundary layer; and of different transient/localized signatures such as plasma jets and current filaments in the magnetosheath and plasma sheet. Observations as well as relevant theories highlighting electron-scale processes on reconnection, waves and turbulence are solicited.

The abstract deadline is 11 January 2017.

Best regards,
Rumi, Matt, Michael, Yuri