

**R008-P01**

ポスター 1 : 9/24 PM1/PM2 (13:45-18:15)

## 太陽コロナ中の非対称磁気リコネクション

#近藤 光志<sup>1)</sup>

<sup>1)</sup> 愛媛大・RCSCE

### **Asymmetric magnetic reconnection in the solar corona**

#Koji Kondoh<sup>1)</sup>

<sup>1)</sup>Research Center for Space and Cosmic Evolution, Ehime University

Asymmetric magnetic reconnection plays crucial role in a lot of situations in the space plasma. We have shown using MHD simulations that the asymmetric magnetic reconnection is significantly different with the symmetric one, and we have verified our previous simulation results (models) using the in-situ observation in the magnetosphere. Next stage, we apply them to the solar corona phenomena. In this study, we show the asymmetric reconnection seen in the solar corona on the basis of our simulation models.