

## **Abstract Title**

NASA GSFC CCMC recent model validation activities

## **Abstract Text**

The Community Coordinated Modeling Center (CCMC) holds the largest assembly of state-of-the-art physics-based space weather models developed by the international space physics community. In addition to providing the community easy access to these modern space research models to support science research, its another primary goal is to test and validate models for transition from research to operations. In this presentation, we provide an overview of the space science models available at CCMC. Then we will focus on the community-wide model validation efforts led by CCMC in all domains of the Sun-Earth system and the internal validation efforts at CCMC to support space weather services/operations provided its sibling organization - NASA GSFC Space Weather Center (<http://swc.gsfc.nasa.gov>). We will also discuss our efforts in operational model validation in collaboration with NOAA/SWPC.

## **Topic**

04 Session 3b- Coupled Space Weather Modelling

## **Presentation Type**

Oral

---

## **List of Authors**

Rastaetter, L. , NASA/GSFC, UNITED STATES (Presenting); Pulkkinen, A., NASA/GSFC and CUA, UNITED STATES; Taktakishvili, A., NASA/GSFC and UMD, UNITED STATES; Macneice, P. , NASA/GSFC, UNITED STATES; Shim, J.-S. , NASA/GSFC and UMD, UNITED STATES; Zheng, Yihua, NASA/GSFC, UNITED STATES; Kuznetsova, M. M. , NASA/GSFC, UNITED STATES; Hesse, M. , NASA/GSFC, UNITED STATES

---