

SPACE WEATHER BOOTCAMP TRAINING AT KSC

Day 1 – February 2, 2016

- 9:00 – 9:10 Introduction of the Training and Lecturers Dr. Yihua Zheng
- 9:15 – 11:45 (in 30 minute chunks) Introduction to Space Weather Dr. Antti Pulkkinen
- 1:30 – 2:00 Quick start of iSWA (integrated Space Weather Analysis) System Dr. Yari Collado-Vega
- 2:15 – 3:30 The sun and space weather drivers (show relevant iSWA products) Dr. Antti Pulkkinen
- 3:45 – 5:00 Flares and CMEs (show relevant iSWA products/examples) Dr. Karin Muglach

Day 2 – February 3, 2016

- 9:00 -9:30 Overview of CCMC/Space Weather Research Center at GSFC Antti Pulkkinen
- 9:35 -10:35 Coronal holes and high-speed solar wind streams Karin Muglach
- 10:45 – 12:00 Solar energetic particles and space radiation Yihua Zheng
- 1:30 – 3:00 Space Weather in the magnetosphere Yari Collado-Vega
- 3:20 – 4:30 WSA+Enlil+Cone model and its various products Karin Muglach

Day 3 – February 4, 2016

- 09:00 – 10:00 Introduction to the DONKI space weather database Yari Collado-Vega
- 10:15 – 10:45 CME Scoreboard Yari Collado-Vega
- 11:00 – 11:30 Summary of space weather and its impacts Yihua Zheng
- 1:00 – 2:15 Space Weather Impacts on Satellites (relevance to launches) Dr. Joe Minow
- 2:30 – 3:00 Space Weather products (models & observations) relevant to launch Yihua Zheng