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