

ISSI-BJ SCIENCE OBJECTIVES AND OBSERVATION SYSTEM
FOR THE INTERNATIONAL MERIDIAN CIRCLE

MONDAY September 23, 2019

Session I Introduction Chair: William Liu

8:30-8:40 Welcome and introduction to ISSI-BJ Alvaro Giménez

8:40-8:50 Introduction to the Forum and to its objectives William Liu

Session II Science Cases Chair: Mark Lester

8:50-9:10 Overarching science goal Michel Blanc

9:10-9:30 Solar and interplanetary processes Nat. Gopalswamy

9:30-9:50 *Coffee Break*

9:50-10:10 Magnetosphere processes Walter Gonzalez

10:10-10:30 MIT Coupling John Foster

10:30-10:50 Precursor ionosphere anomaly associated with Large earthquakes- Lithosphere-atmosphere - ionosphere coupling Koh-Ichiro Oyama

10:50-11:10 Troposphere/stratosphere weather system Lu Daren

11:10-11:30 Geomagnetic field processes Mioara Mandaia (remote)

11:30-11:50 Long-term evolution of the climate system Jan Lastovicka (remote)

12:00-13:30 *Group Photo and Lunch (Jiuzhang B1 floor)*

Session III Observation System Chair: Michel Blanc

13:30-13:50 Chinese Meridian Project Xu Jiyao

13:50-14:10 Solar and Interplanetary Observations Yan Yihua

14:10-14:30 Magnetosphere Observations Hermann Opengoorth

14:30-14:50 Optical Observations of Ionosphere Eric Donovan

14:50-15:10 Radio Observations of Ionosphere Zhang Shunrong

15:10-15:30 *Coffee Break*

15:30-15:50 FPI Observations of middle/upper atmosphere Aziza Bounhir

15:30-15:50 Atmospheric Electricity Qie Xiushu

16:10-16:30 Lithospheric activity: Earthquakes and volcanoes Shen Xuhui

16:30-16:50 Meridian Chain Instruments in Americas Wu Qian

16:50-17:10 Acceleration of upflowing ionospheric oxygen ions and its relation to magnetic reconnection Fu Suiyan

18:00 *Dinner offered by ISSI-BJ*

TUESDAY 24 September 2019

9:00-9:20	Meridian Chain instruments in Central Africa	Frédéric Ouattara
9:20-9:40	Meridian Chain instruments in North Africa	Abdelkrim Yelles
Session IV	Modeling and data analysis/assimilation tools	Chair: Eric Donovan
9:40-10:00	Solar activity and propagation of solar disturbances into interplanetary space/ Magnetosphere	Guo Xiaocheng
10:00-10:20	MIT (Magnetosphere-Ionosphere-Thermosphere) coupling	Zou Shasha
10:20-10:40	ITM (Ionosphere-Thermosphere-Mesosphere) coupling	Lei Jiuhou
10:40-11:00	<i>Coffee Break</i>	
11:00-11:20	Plasmasphere Modeling	Viviane Pierrard
11:40-12:00	Data Assimilation	Yue Xinan
12:00	<i>Lunch (Jiuzhang B1)</i>	
	Preliminary Synthesis	Chair: William Liu

WEDNESDAY 25 September 2019

Session V	Discussion and Conclusion	Chair: John Foster
8:30-9:00	Summary of Forum	Mark Lester
9:00-9:30	Overall organization of IMCP science: activities and platforms and international collaboration	Eric Donovan
9:30-10:00	Forum report: Outline, structure, organization and Elements for the preparation of Forum #2 (ISSI) on the Space Segment	Michel Blanc
10:00-10:30	<i>Coffee Break</i>	
10:30-12:00	Future plans	Liu William
12:00-13:30	<i>Lunch (Jiuzhang B1 floor)</i>	