



專題演講

FUV Observations of Thermosphere and Ionosphere Response to External Drivers

Speaker : **Dr. Yongliang Zhang**

The Johns Hopkins University Applied Physics Laboratory, Laurel, Maryland

Time : 107 年 11 月 16 日 星期五 10:30-11:30

Place : 健雄館(科四館) S4-917 教室

摘要/Abstract :

Satellite observations of the thermosphere and ionosphere (TI) in Far Ultraviolet (FUV) provide a unique way to monitor the TI condition on a global scale in near real time and the TI response to external drivers in the solar wind, the magnetosphere and the low atmosphere. Thermospheric composition (such as O/N₂ ratio, nitric oxide and density) and ionosphere density are part of the key parameters that represent the TI condition. We will discuss the changes in these parameters under different time scales and geomagnetic conditions and their application to spaceweather forecast.

※歡迎聽講※

~請聽講者提早入座~