

**Welcome to**  
**Planetary Science Session SP18**

on

**Planetary Upper Atmospheres and Ionospheres and their  
Coupling with Magnetospheres**



**At the First Annual Meeting of the  
Asia Oceania Geosciences Society**

**5 - 9 July 2004 in Singapore**

**Organized by**

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**Brief Description of the Session**

The solar system contains a variety of planetary bodies, which present unique and interesting combinations of atmosphere-ionosphere-magnetosphere systems. Recent observations from various missions, spacecraft, and ground-based and orbiting observatories (supplemented by theoretical models) have made important contributions to our understanding of these systems and their interconnections, but have also led to new and interesting puzzles. This symposium will address observational, theoretical and modeling studies pertaining to processes occurring in the upper atmospheres and ionospheres of planetary bodies; specifically, inner and outer planets, comets, and planetary satellites with atmospheres, and their coupling with magnetospheres. The session will encourage presentations that use a comparative approach to phenomena occurring in different planetary environments and will include both invited and contributed presentations. Innovative experimental techniques and ideas for missions to study atmosphere-magnetosphere systems on planetary bodies will also be welcome.



**To submit the abstract log on to the AOGS website at [www.asiaoceania.org/submitabstract/](http://www.asiaoceania.org/submitabstract/) and follow the steps provided there. The deadline for abstracts is February 15, 2004.**