

# Discussion (1)



## *Where do we go from here?*

### 1. Major science questions that still remain in the field

- *evolution of the atmospheres of Mars and Venus*

### 2. How they should be addressed? (missing measurements? space missions? models?)

- *rocks and atmospheres sample returns*
- *high temperature magnetometers for Venus surface*
- *magnetometres on Mars rovers*

## Discussion (2)

3. Are models in sync and agreement with available measurements?
4. Potential of the plasma database that includes different parameters and planets?

# Discussion (3)



5. Relation of the aeronomy/ plasma investigations of terrestrial planets to those at the outer planets.
6. What can terrestrial planets aeronomy learn from aeronomy of the giants and their moons? Relation between planetary and terrestrial aeronomy?
7. Current status and perspectives of exoplanetary aeronomy?



# Discussion (4)



## 8. Do we know our Sun and solar wind well enough?

- *spatially distributed “heliospheric observatory” for continuous monitoring of the solar wind*
- *routine space environment monitors at all the planets*

## 9. Future meetings: similar conferences? MUAN activities ?

## 10. Special issue based on the ESLAB papers?

