

Updating The Lunar Chronology And Stratigraphy: New Laboratory And Remote Sensing Data, And New Approaches To The Interpretation Of Old Data

Agenda of second Meeting 7 – 11 May 2012

Monday, 07/05

PRESENTATIONS:

- 9:15 V. Fernandes
Welcome and introduction to the 1st Workshop idea and intent
- 9:30 **S. Werner**
Tutorial on "Absolute model ages"
- 10:30 **Coffee break**
- 11:00 **Y. Alibert, A. Fortier & M. Jutzi**
TBC - Preliminary results in the initial conditions for the Nice model and some results on impacts on the Moon
- 11:30 **S. Werner (Werner and Hiesinger)**
Certainties and uncertainties in cratering statistics and absolute age determination, Moon and beyond
- 12:00 **V. A. Fernandes**
The early Moon: impact record and other parameters.
- 12:30 – LUNCH
- 14:00 **K. Mezger**
Advances in U-Pb Geochronology and Applications to Lunar Rocks
- 14:30 **M. Trieloff**
A selection of Ar-Ar data and their implication for the "Lunar Heavy Bombardment", and alternative scenarios for multiple cataclystic bombardments in the early solar system
- 15:00 **Coffee Break**

Tuesday, 08/05

- 17:00 **N. Artemieva (Basilevsky, Neukum, Artemieva)**
Are all lunar highland pristine rocks really pristine?