

ISSI project: “Characterization of cometary activity of 67P/Churyumov-Gerasimenko comet”

Second Meeting

Agenda

Tuesday 22nd February

- 9:00 *Welcome* (Mark Sargent)
Project Status (Andrea Longobardo)
- 10:30 Coffee Break
- 11:00 *Macro- and micro-structures of pebble-made cometary nuclei reconciled by seasonal evolution* (Mauro Ciarniello)
Water and deuterium-to-hydrogen ratio in comets (Marco Fulle)
- 12:30 Lunch
- 14:00 *Review of the main results obtained by OSIRIS* (Prasanna Deshapriya)
Discussion: future activity on remote sensing data
Latest news about 67P dust composition (Hervé Cottin)
- 15:30 Coffee Break
- 16:00 *Physical properties of the 67P/Churyumov-Gerasimenko's dust revealed by the combined Rosetta's GIADA-MIDAS data analysis* (Andrea Longobardo)
- 17:30 End of Session

Wednesday 23rd February

- 9:00 *Dust numerical models: where we are* (Vladimir Zakharov)
Model scaling laws (Stavro Ivanovski)
- 10:30 Coffee Break
- 11:00 *Laboratory activity: possible experiments* (Fabrizio Dirri)
Discussion on experimental activity
- 12:30 Lunch
- 14:00 *COPS-GIADA data fusion* (Boris Pestoni)
Refractory elements in the gas phase for comet 67P/Churyumov-Gerasimenko (Martin Rubin)
Discussion: Future activity on in-situ data
- 15:30 Coffee Break
- 16:00 *Review on dust size distribution* (Giovanna Rinaldi)
The Castalia+ mission proposal (Carsten Güttler)
- 17:30 End of Session

Thursday 24th February

- 9:00 *Future activity on comets: The Comet Interceptor mission and the related ISSI project*
(Fiorangela La Forgia)
Meeting Summary (Andrea Longobardo)
- 10:30 Coffee Break
- 11:00 *Discussion: Scheduling activity*
Discussion: Papers
- 12:00 End of Meeting

Participants

Core Team Members

1. Longobardo Andrea
2. Cottin Hervé (remote attender)
3. Güttler Carsten
4. Ivanovski Stavro
5. Kim Minjae (remote attender)
6. Mannel Thurid (remote attender)
7. Rinaldi Giovanna
8. Rubin Martin
9. Zakharov Vladimir (remote attender)

Young Scientists

10. Deshapriya Prasanna (remote attender)
11. Dirri Fabrizio
12. Pestoni Boris

External Collaborators

13. Ciarniello Mauro
14. Fulle Marco

Remote Attenders

- Della Corte Vincenzo
- La Forgia Fiorangela
- Palomba Ernesto
- Rotundi Alessandra