

# Comet Interceptor Science Working Team Meeting #3

*ESTEC, 24-26 October 2023*

*Room: Erasmus building, High Bay (exceptions mentioned)*

## **24 October 2023**

### **Working Group Meetings:**

- 13:30 Comet Environment Working Group (Erasmus High Bay)  
Science Operations Working Group (NA 115, Erasmus Building)
- 15:15 Coffee Break
- 15:45 Target Identification Working Group
- 17:30 Adjourn

## **25 October 2023**

### **Open SWT Meeting (Part 1):**

- 09:30 Welcome, Introduction (M. Küppers, H. Kawakita)
- 09:40 ESA Project Update (N. Rando)
- 10:00 JAXA Project Update (R. Funase)
- 10:15 Instrument Lead Scientist update (emphasis on science aspects, Instrument Lead Scientists, 10 min per instrument, 20 min for DFP)
  - Science activities within the instrument team
  - Calibration aspects (synthesis of needs, approach, planning)
- Coffee break within the block
- 12:15 Lunch
- 13:45 Report from the CISDC (J. de Keyser)
- 14:00 Reports from WGs (WG chairs, 30 minutes each)
- 15:30 Coffee Break
- 16:00 LSST update (Telescope status, simulations, C. Snodgrass)
- 16:20 Virtual targets update (J. P. Sanchez)
- 16:40 Engineering Dust Coma Model. Current status. (V. Zakharov)

17:00 The Cometary Model of Dust Environments (ComMoDE) (N. Haslebacher)

17:20 Adjourn

18:00 Social event

## 26 October

### Open SWT Meeting (Part 2):

09:30 How the WEB model constrains CI's target selection (M. Fulle)

10:00 A potential aid for target selection (E. Vigren)

10:15 Brightening Curves of Comets (P. Lacerda)

10:30 Patterns in light curve behaviour of a large sample of recent, photometrically well-observed comets (M. Kidger)

10:45 Landslides on comets (K. Kossacki)

11:00 Coffee Break

11:15 Volatiles in the H<sub>2</sub>O and CO<sub>2</sub> ices of comet 67P/Churyumov-Gerasimenko (M. Rubin)

11:30 Composite phase function for cometary dust comae (I. Bertini)

11:45 On the similarity of rotational motion of dust particles in the inner atmosphere of comets (S. Ivanovski)

12:00 MIRMIS - From Science to Operations (N. Elkington)

12:15 AOB, date of next meeting

12:30 Adjourn

14:00 Meeting of the SWT Executive (room DF 121)