



# ESA Planetary Dust Contamination Workshop 2025

## Wednesday 4 June 2025

### Session 1: Dust, simulants and characterisation - Newton 1 (09:30 - 11:00)

| time  | [id] title  | presenter                |
|-------|---|--------------------------|
| 09:30 | [4] On the Phenomenological Behaviour of Dust; Causes, Characterisation and Consequences  | BRADLEY, Michael         |
| 09:55 | [11] LuNOR: Nordic-Origin Industrial Lunar Simulant for Enhanced Fidelity, Consistency & Sustainability in Dust Contamination Research                    | RISAN BORGERSEN, Øystein |
| 10:05 | [12] Sensing and Modelling Planetary Dust Reactive Oxygen Species (ROS) and their Effects on Space Missions by High-Fidelity ROS-Activated Dust Simulants | GEORGIU, Christos        |
| 10:35 | [10] Experimental investigations of impact processes on the metal asteroid 16 Psyche  | VOSPER, Danielle         |