

ISSI team meeting schedule

Monday, Dec. 12 – Friday, Dec. 16, 2022
@ISSI Bern, Hallerstrasse 6, 3012 Bern
Room 34 on the 3rd floor

For remote participation you can join the follow on Zoom:

<https://us06web.zoom.us/j/89566956193?pwd=d3c5VGJUTHlXTlpxNStRSnJKS3JPdz09>

Meeting ID: 895 6695 6193

Passcode: 164523

To allow for sufficient time to discuss results the slots for each speaker are 45min. You don't need to take all of that time to present.

Monday, Dec. 12, 2022

10:00 – 12:00	For those arriving on the 11 th we can meet for informal discussions.
12:00 – 13:30	<i>Lunch break</i>
13:30 – 14:00	Raphael Marschall: Introduction, admin, and goal of the meeting
14:00 – 14:45	Rosita Kokotanekova: Bulk physical and surface properties of comet nuclei
14:45 – 15:30	Xian Shi: Boulder ejection and mobilisation on 67P observed by Rosetta/OSIRIS
15:30 – 16:00	<i>Coffee break</i>
16:00 – 16:45	Colin Snodgras: Rosettas ground based campaign

Tuesday, Dec. 13, 2022

10:00 – 10:30	Jean-Baptiste Vincent: 67P's latest perihelion
10:30 – 11:15	Olena Shubina & Oleksandra Ivanova: Temporary stability of structures in the coma of comet 67P from the ground-based observations
11:15 – 12:00	Markkanen Johannes: Thermal emission by cometary dust
11:15 – 12:00	Discussion on constraints from ground based observations (Ivanova) <ul style="list-style-type: none">• Repeating structures from a partition to a partition• Dust properties• Particular high quality data/epochs
12:00 – 13:30	<i>Lunch break</i>
13:30 – 14:15	Jean-Baptiste Vincent: Insights from the DART impact
14:15 – 15:00	Pablo Lemos: Dynamics of large dust particles
15:00 – 15:30	<i>Coffee break</i>
15:30 – 16:15	Omar Mokhtari: Gas flows through porous surface layers
15:15 – 17:00	Vladimir Zakharov: Expansion of gas mixtures

Wednesday, Dec. 14, 2022

10:00 – 10:45	Omar Mokhtari: Gas flows through porous surface layers
10:45 – 11:15	Vladimir Zakharov: Expansion of gas mixtures
11:15 – 12:00	Raphael Marschall: The Comet Interceptor Engineering Dust Coma Model
12:00 – 13:30	<i>Lunch break</i>
13:30 – 14:15	Colin Snodgrass: Master project for outer coma
14:15 – 15:00	Discussion on models (Marschall) <ul style="list-style-type: none">• Which epochs should we simulate?• What are their initial condition?• Simplified models to test relationship between, e.g. ,shape and outer coma?
15:00 – 15:30	Coffee break
15:30 – 16:30	Nicholas Attree: Constraining activity through non-gravitational acceleration
11:15 – 12:00	Volodymyr Reshetnyk: Outer coma model update

Thursday, Dec. 15, 2022

10:00 – 10:45	Jean-Baptiste Vincent: Activity of long period comets
10:45 – 12:00	Continuation of discussion on drivers of activity (Marschall)
12:00 – 13:30	<i>Lunch break</i>
13:30 – 15:00	Discussion of papers that are planned to be written
15:00 – 17:00	Work on initial conditions and data analysis

Friday, Dec. 16, 2022

10:00 – 12:00	Discussion on work to be done (Marschall)
12:00	<i>EOM</i>