

Agenda

(preliminary as of 28th September 2022)

Meeting of the working group "The variability of the airglow for the detection of atmospheric dynamics with high temporal and spatial resolution over a large range in space and time, potentially leading to the concept of a satellite-borne mission" at the International Space Science Institut (ISSI) in Bern, Switzerland
23th - 27th October 2022

Day 1 Tuesday, 25th October 2022

- 09:00 **Arrival of the participants**
- 09:30 **Welcome & purpose of the meeting** *Mike Rast, Michael Bittner*
- 10:30 **Introduction round incl. (current) research topics** *all*
5 - 10 min each
- 12:00 *Lunch*
- 14:00 **Active and planned missions** *Carsten Schmidt*
30 min presentation
+ discussion and/or additional info *all*
- 15:30 *Coffee break*
- 16:00 **What are the scientific and/or application oriented open questions of a possible mission?** *Sabine Wüst*
Small-scale GW, infrasound (preliminary)
Tomography etc. (preliminary) *Patrick Hannawald, Stefan Noll*
- 17:30 *End of day 1*

Day 2 Wednesday, 26th October 2022

Continuation: What are the scientific and/or application oriented open questions of a possible mission?
ca. 25 min presentation by each participant, please send a provisional title by 14th October 2022

- 09:00 *tbd*
- 10:30 *Coffee break*
- 11:00 *tbd*
- 12:30 *Lunch*
- 14:30 *tbd*
- 16:00 *Coffee break*
- 16:30 **Grouping of possible mission goals (wrap-up of presentations)**
- 18:00 **End of day 2**

Day 3 Thursday, 27th October 2022

- 09:00 **Overview about possible ESA funding & discussion** *ISSI, ESA, all*
- 10:30 *Coffee break*
- 11:00 **Priorizing of scientific mission goals wrt. current / planned missions, political interests, and ...** *all*
- 12:30 *Lunch*
- 14:30 **What could be possible products? How could validation activities look like? ...** *all*
- 16:00 *Coffee break*
- 16:30 **Preparation of next meeting** *all*
- 17:30 **Any other business** *all*
- 18:00 **End of day 3**