Monday 16/09

- 08:00 **Registration**
- 08:45 **Welcome speech**
- 09:00 **Course Introduction** — E.Volden
- 09:20 **Space-related activities & Earth Obsrevation in Austria (TBC)**
- 09:50 **ESA Science for Society Programme** — E.Volden
- 10:30 Group Photo and Coffee Break
- 11:00 **S1, S2, S3, ROSE-L, CHIME and LSTM missions status** — ESA
- 12:30 Lunch Break
- 14:00 **SAR basics & Radar signal interaction with snow & ice** — H. Rott
- 15:30 Coffee Break
- 16:00 **Basics on snow & ice parameter retrievals for by means of Vis & IR sensors (Spectral refrlectivity, atmosph. RT, …)**
- 17:00 **SNAP** — M.Fitrzyk, F.Ramoino | **SNAP** — M.Fitrzyk, F.Ramoino
- 18:30 **Hosted welcome event (ice-breaker)**
- 19:30

Tuesday 17/09

- 08:30 **Snow area extent (by optical medium & high res. sensors)**
- 09:30 **Snow albedo and grain size**
- 10:30 Coffee Break
- 11:00 **Snow extent (optical)** | **Snow extent (optical)**
- 13:00 Lunch Break
- 14:00 **Snow albedo and grain size** | **Snow albedo and grain size**
- 15:00 **SAR based mathods for snow depth and SWE** — T.Nagler
- 16:00 Coffee Break
- 16:30 **Lightning Talks (short presentations done by participants, not mandatory)**
- 18:00

Wednesday 18/09

- 08:30 **Snowmelt area and wetness (based on SAR)** — T.Nagler
- 09:30 **Glacier elevation change & mass balance**
- 10:30 **Field Trip**
- 18:00 **Hosted Dinner**

Thursday 19/09

- 08:30 **Glacier area**
- 09:30 **Glacier motion**
- 10:30 Coffee Break
- 11:00 **Snowmelt area and wetness (SAR)** — ENVEO | **Snowmelt area and wetness (SAR)** — ENVEO
- 13:00 Lunch Break
- 14:00 **Glacier extent and topo change** | **Glacier surface velocity (InSAR and/or offset tracking)**
- 16:00 Coffee Break
- 16:30 **Data Access: Copernicus Data Space Ecosystem & Third Party Missions** — M.Fitrzyk
- 18:00

Friday 20/09

- 08:30 **Glacier surface velocity (InSAR and/or offset tracking)** | **Glacier extent and topo change**
- 10:30 Coffee Break
- 11:00 **Use of snow products for hydrology (Runoff modelling, Water Management, flood hazard mitigation)**
- 12:30 Closing ceremony

Introductory lecture
Lecture
Exercise
Social event