## Monday 16/09

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| 08:00 | **Registration** |
| 09:00 | **Welcome speech**<br>Mag. Dr. Irene Häntschel-Erhart<br>(University of Innsbruck) |
| 09:05 | **Course Introduction**<br>Espen Volden<br>(ESA) |
| 09:25 | **Austria in Space**<br>Thomas Geist<br>(FFG – Austrian Research Promotion Agency) |
| 09:45 | **ESA Science for Society Programme**<br>Espen Volden<br>(ESA) |
| 10:05 | **CCI Snow/Glaciers and Copernicus services**<br>Anna Maria Trofaier<br>(ESA) |
| 10:30 | Group Photo and Coffee Break |
| 11:00 | **S1, S2, S3, ROSE-L, CHIME and LSTM missions status**<br>ESA |
| 12:30 | Lunch Break |
| 14:00 | **SAR basics & Radar signal interaction with snow & ice**<br>H. Rott<br>(ENVEO/University of Innsbruck) |
| 15:30 | Coffee Break |
| 16:00 | **Basics on snow & ice parameter retrievals by means of VIS & IR sensors (Spectral reflectivity, atmosph. RT, …)**<br>H. Rott<br>(ENVEO/University of Innsbruck) |
| 17:00 | **SNAP**<br>M.Fitrzyk<br>(RSAC c/o ESA)<br>F. Ramoino<br>(Serco c/o ESA) |
| | **SNAP**<br>M.Fitrzyk<br>(RSAC c/o ESA)<br>F. Ramoino<br>(Serco c/o ESA) |
| 18:30 | **Hosted welcome event (ice-breaker)** |
| 19:30 | |

## Tuesday 17/09

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|---|---|
| 08:30 | **Glacier area**<br>F. Paul<br>(UZH, Switzerland) |
| 09:30 | **Glacier motion**<br>J. P. Merryman Boncori<br>(DTU, Denmark) |
| 10:30 | Coffee Break |
| 11:00 | **Glacier extent**<br>F. Paul<br>(UZH, Switzerland) |
| | **Glacier surface velocity (InSAR and/or offset tracking)**<br>J. P. Merryman Boncori<br>(DTU, Denmark) |
| 13:00 | Lunch Break |
| 14:00 | **Glacier elevation change and mass balance**<br>M. Kneib<br>(UGA, France) |
| 15:00 | **Data Access: Copernicus Data Space Ecosystem & Third Party Missions**<br>M. Fitrzyk<br>(RSAC c/o ESA) |
| 15:30 | Coffee Break |
| 16:00 | **Glacier surface velocity (InSAR and/or offset tracking)**<br>J. P. Merryman Boncori<br>(DTU, Denmark) |
| | **Glacier elevation change and mass balance**<br>M. Kneib<br>(UGA, France) |
| 18:00 | |

## Wednesday 18/09

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|---|---|
| 08:30 | **Glacier elevation change and mass balance**<br>M. Kneib<br>(UGA, France) |
| | **Glacier extent**<br>F. Paul<br>(UZH, Switzerland) |
| 10:30 | **Field Trip** |
| 18:00 | **Hosted Dinner** |

## Thursday 19/09

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|---|---|
| 08:30 | **Snow albedo and grain size**<br>B. di Mauro<br>(CNR, Italy) |
| 09:30 | **Snow area extent (by optical medium & high res. sensors)**<br>C. Marin<br>(EURAC, Italy) |
| 10:30 | Coffee Break |
| 11:00 | **Snow extent (optical)**<br>C. Marin<br>(EURAC, Italy) |
| | **Snow extent (optical)**<br>R. Barella<br>(EURAC, Italy) |
| 13:00 | **Snow albedo and grain size**<br>B. di Mauro<br>(CNR, Italy) |
| | Lunch Break |
| 14:00 | Lunch Break |
| | **Snow albedo and grain size**<br>B. di Mauro<br>(CNR, Italy) |
| 15:00 | **SAR based mathods for snow depth and SWE**<br>T. Nagler<br>(ENVEO, Austria) |
| 16:00 | Coffee Break |
| 16:30 | **Lightning Talks (short presentations done by participants, not mandatory)** |
| 18:00 | |

## Friday 20/09

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|---|---|
| 08:30 | **Snowmelt area and wetness (based on SAR)**<br>T. Nagler<br>(ENVEO, Austria) |
| 09:30 | **Snowmelt area and wetness (SAR)**<br>ENVEO |
| | **Snowmelt area and wetness (SAR)**<br>ENVEO |
| 10:30 | Coffee Break |
| 11:00 | **Snowmelt area and wetness (SAR)**<br>ENVEO |
| | **Snowmelt area and wetness (SAR)**<br>ENVEO |
| 12:00 | **Use of snow products for hydrology (Runoff modelling, Water Management, flood hazard mitigation)**<br>T. Jonas<br>(SLF, Switzerland) |
| 13:30 | Closing ceremony |

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| **Introductory lecture** |
| **Lecture** |
| **Exercise** |
| **Social event** |