

COST-Harmosnow

Snow Chemistry Workshop

Sonnblick/Kolm Saigurn, Austria

Feb. 26 to March 2 2018

KARL-FRANZENS-UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ



Aims of the workshop:

- to discuss results and experiences of snow chemistry monitoring
- to provide a guideline/protocol for snow chemistry measurements

Cooperation with:

WMO Global Cryosphere Watch
IASC Cryosphere Working Group

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Organiser:

Wolfgang Schöner (University of Graz, Austria)



Tentative list of topics to be discussed at the workshop

- discussion of practices for monitoring of winter/seasonal snow cover chemistry
- discussion of guidelines for taking snow samples in the field and handling for bringing them to the lab for chemistry measurements
- techniques for snow chemistry measurements and what can we expect with respect to accuracy
- snow-chemistry inter-comparison experiments (sampling, round robin tests, ...)
- studies on spatial and temporal variability of snow impurities, (stable) isotopes, transport processes in the snow (percolation, diffusion, ...)
- development of standard list of variables characterizing the chemistry of seasonal snow cover (including isotopic content)
- complimentary snow properties measurements relevant for snow chemistry interpretation
- development of guideline for snow-chemistry monitoring for seasonal snow cover

SUGGESTIONS WELCOME! → email wolfgang.schoener@uni-graz.at

Practical information:



- **Access to the workshop venue:**

The workshop venue is accessible by plane to nearest airport Salzburg and from there by train (train station Taxenbach-Rauris) and by bus-shuttle.

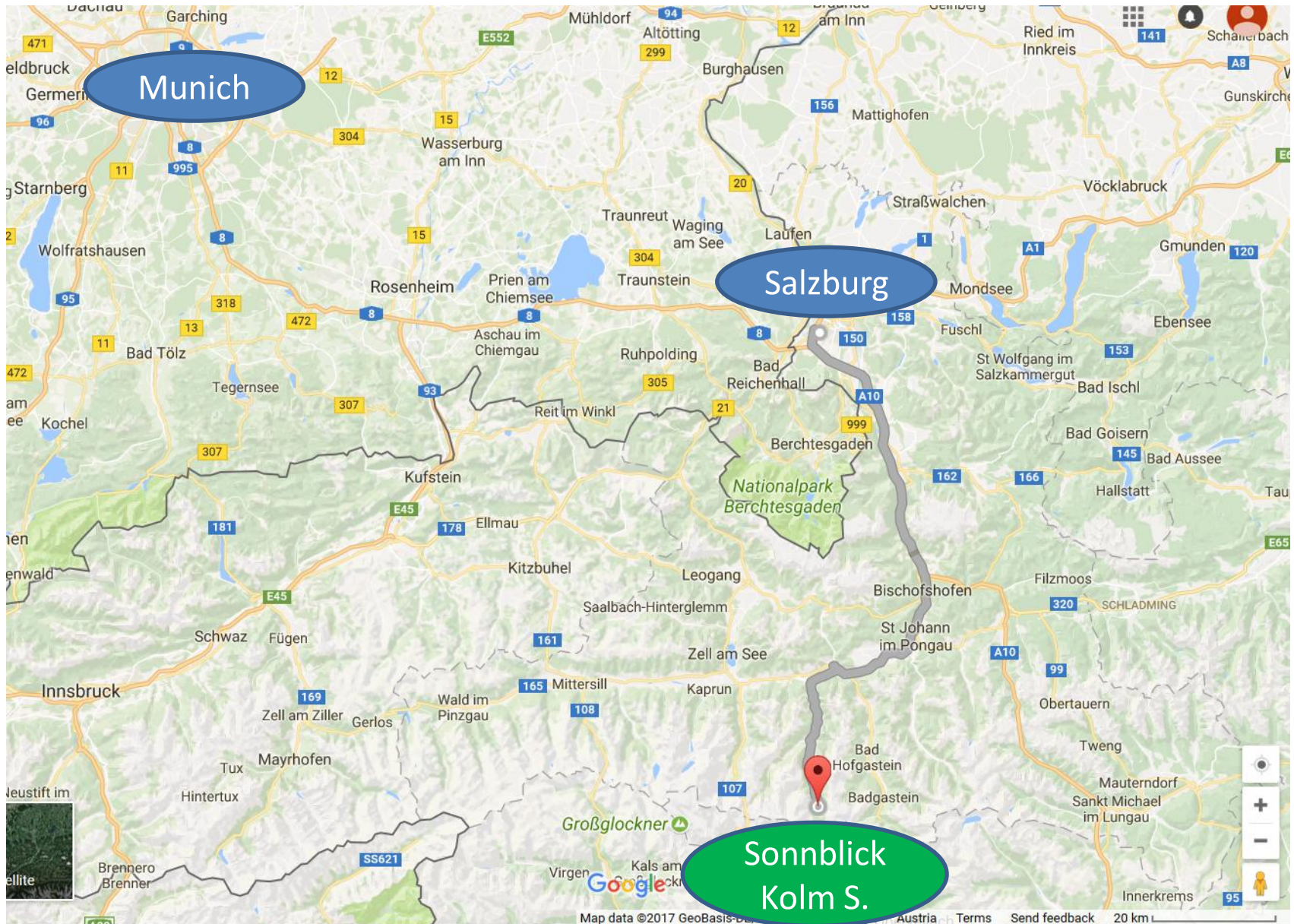
- **Accommodation:**

All participants will stay at Naturfreundehaus Kolm Saigurn. The workshop will take place in the same building.

- **Field work:**

Kolm Saigurn has usually lot of snow in February/March which offers excellent possibilities for field work.

Practical information:



Venue: Sonnblickbasis – Kolm Saigurn

www.sonnblickbasis.at

