

## Publication list

- 41 Refereed publications
- 4 Master (2) and PhD (2) theses
- 52 Conference presentations / posters
- 4 Books / edited books
- 3 Popular publications and presentations
- 9 Data books and reports

### Refereed publications

Bader, W., B. Bovy, S. Conway, K. Strong, D. Smale, A.J. Turner, T. Blumenstock, C. Boone, A. Coulon, O. Garcia, D.W.T. Griffith, F. Hase, P. Hausmann, N. Jones, P. Krummel, I. Murata, I. Morino, H. Nakajima, S. O'Doherty, C. Paton-Walsh, J. Robinson, R. Sandrin, M. Schneider, C. Servais, R. Sussmann, and E. Mahieu, Ten years of atmospheric methane from ground-based NDACC FTIR observations, *Atmospheric Chemistry and Physics Discussions*, 1–31, doi: 10.5194/acp-2016-699, 2016. <http://orbi.ulg.ac.be/handle/2268/200940>

Barthlott, S., M. Schneider, F. Hase, T. Blumenstock, M. Kiel, D. Dubravica, O.E. García, E. Sepúlveda, G. Mengistu Tsidu, S. Takele Kenea, M. Grutter, E.F. Plaza, W. Stremme, K. Strong, D. Weaver, M. Palm, T. Warneke, J. Notholt, E. Mahieu, C. Servais, N. Jones, D.W.T. Griffith, D. Smale, and J. Robinson, Tropospheric water vapour isotopologue data ( $\text{H}_2^{16}\text{O}$ ,  $\text{H}_2^{18}\text{O}$  and  $\text{HD}^{16}\text{O}$ ) as obtained from NDACC/FTIR solar absorption spectra, *Earth System Science Data Discussions*, 1–25, doi: 10.5194/essd-2016-9, 2016. <http://orbi.ulg.ac.be/handle/2268/196044>

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## **Theses**

Bernath, D., TEG-based Energy Scavenging Platform, Master thesis, ETH Zurich, MA-2016-50, October, 2016.

Haberkorn A., The influence of the snow cover on the temperature regime of steep rock walls, Doctoral thesis, Faculty of Sciences, University of Fribourg, Switzerland, Thesis no. 1971, 195 pp., 2016.

Jeyachandren, S., Influence of weather conditions on ice nuclei in the lower 3 km of the atmosphere, MSc Thesis, University of Basel, 2016.

Stopelli, E., Biological ice nucleating particles at tropospheric cloud height, PhD Thesis, University of Basel, 2016.

## **Conference presentations / Posters**

Berhanu, T., E. Satar, S. Szidat, D. Brunner, M. Steinbacher, M. Leuenberger, Quantification of fossil fuel associated CO<sub>2</sub> emissions based on radiocarbon measurements at the Beromünster tall tower, Switzerland, ICOS Science Conference, Helsinki, Finland, September 27-29, 2016.

Berhanu, T.A., M.F. Schibig, C. Uglietti, M. Leuenberger, 10-years of CO<sub>2</sub>, O<sub>2</sub> and δ<sup>13</sup>C records at two remote sites of Jungfraujoch, Switzerland and Puy de Dome, France, 2<sup>nd</sup> ICOS conference, Helsinki, Finland, September 27-29, 2016.

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