

## Publication list

### Refereed publications

Bauder, A., M. Funk, and M. Huss, Ice volume changes of selected glaciers in the Swiss Alps since the end of the 19th century. *Annals of Glaciology* **46**, 145-149. 2007.

Brinksma, E. J., G. Pinardi, R. Braak, H. Volten, A. Richter, A. Schoenhardt, M. E. J. an Roozendael, C. Fayt, C. Hermans, R. J. Dirksen, T. Vlemmix, A. J. C. Berkhout, D. P. J. Swart, H. Oetjen, F. Wittrock, T. Wagner, O. W. Ibrahim, G. de Leeuw, M. Moerman, R. L. Curier, E. A. Celarier, W. H. Knap, J. P. Veefkind, H. J. Eskes, M. Allaart, R. Rothe, A. J. M. Piters, and P. F. Levelt, The 2005 and 2006 DANDELIONS NO<sub>2</sub> and Aerosol Validation Campaigns, accepted for publication in *J. Geophys. Res.* (2007).

Bundke, U., H. Bingemer, B. Nillius, R. Jaenicke, T. Wetter, The Fast Ice Nucleus Chamber counter FINCH, *J. Atm. Res.* Submitted Sep 2007.

Bütikofer, R., E.O. Flückiger, L. Desorgher, M.R. Moser, The Extreme Solar Cosmic Ray Particle Event on 20 January 2005 and its Influence on the Radiation Dose Rate at Aircraft Altitude, *The Science of the Total Environment* **391**, 177, 2007.

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Cortesi, U., J.-C. Lambert, C. De Clercq, G. Bianchini, T. Blumenstock, A. Bracher, E. Castelli, V. Catoire, K. V. Chance, M. De Mazière, P. Demoulin, S. Godin-Beekmann, N. Jones, K. Jucks, C. Keim, T. Kerzenmacher, H. Kuellmann, J. Kuttipurath, M. Iarlori, G. Y. Liu, Y. Liu, I. S. McDermid, Y. Meijer, F. Mencaraglia, S. Mikuteit, H. Oelhaf, C. Piccolo, M. Pirre, P. Raspollini, F. Ravegnani, W. J. Reburn, G. Redaelli, J. J. Remedios, H. Sembhi, D. Smale, T. Steck, A. Taddei, C. Varotsos, C. Vigouroux, A. Waterfall, G. Wetzell, and S. Wood, Geophysical validation of MIPAS-Envisat operational ozone data, *Atmos. Chem. Phys.*, **7**, 4807-4867, 2007.

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Cozic, J., B. Verheggen, S. Mertes, P. Connolly, K.N. Bower, A. Petzold, U. Baltensperger, and E. Weingartner, Scavenging of black carbon in mixed phase clouds at the high alpine site Jungfraujoch, *Atmos. Chem. Phys.*, **7**, 1797-1807, 2007.

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### **Conference presentations / Posters**

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Baltensperger, U., Physical properties and chemical composition of atmospheric aerosols, ESF - INTROP Workshop on Aerosols - Properties, Processes, Climate, Crete, Greece, April 21-24, 2007.

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Bond, S., Vollmer, M. K., Sources and Sinks of Atmospheric H<sub>2</sub> during the Transition to Hydrogen-based Transportation, CONCAWE, Brussels, November 5-6, 2007.

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“L'avenir sera-t-il caniculaire?”, participation of Emmanuel Mahieu to the “Controverse” debate about human influence over climatic changes, Belgian television RTL-TVI, February 4, 2007.

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