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**VERANSTALTUNGEN IM KULTURAMA MUSEUM DES MENSCHEN**

2007 – 2017 **Über 1000 Führungen, Workshops, Kurse und Weiterbildungen** mit allen Altersgruppen zu den Themen Evolution von Tier und Mensch, Erdgeschichte, Humanbiologie und Lernen sowie in wechselnden Sonderausstellungen.

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**PRÄSENTATIONEN AN WEITERBILDUNGEN & PUBLIKUMSREFERATE (2003 – 2017)**

**Klima – früher, heute, morgen**, *Interaktive Führung im Rahmen der Langen Nacht der Museen*, 2. September 2017, Kulturama Museum des Menschen, Zürich.

**Klima & Weinanbau**, *Referat beim Weinbauverein Zürcher Unterland*, 28. Juni 2013, Buchberg (SH).

**Globaler Klimawandel**, *Referat im Rahmen des CAS Naturbezogene Umweltbildung Silviva/zhaw*, 24. August 2012, Pro Natura Zentrum Aletsch, Riederalp.

**A short history of climate change**, *Vortrag Pro Senectute Dienstleistungszentrum Zürich*, 20. Januar 2012, Zürich.

**Experiment Klimawandel**, *Vortrag am Friedrich-Hecker Gymnasium*, 24. November 2011, Radolfzell am Bodensee, D.

**Klima und Klimawandel**, *Referat im Rahmen des CAS Naturbezogene Umweltbildung Silviva/zhaw*, 20. August 2010, Pro Natura Zentrum Aletsch, Riederalp.

**Klima und Klimawandel – Treibhauseffekt, Kyoto-Protokoll & Co.**, *Referat im Rahmen des CAS Naturbezogene Umweltbildung Silviva/zhaw*, 30. August 2008, Pro Natura Zentrum Aletsch, Riederalp.

**Globaler Klimawandel**, *Vortrag an der Pädagogischen Hochschule Zentralschweiz*, 11. Oktober 2007, Luzern.

**Klimatologie - Von Eis- & Heisszeiten**, *Abendkurse, 4 x 2 Lektionen* 12. Juni - 3. Juli 2007, Pfäffikon (ZH).

**Unsere Erdatmosphäre und ihre Verschmutzung**, *EMPA, Wissenschaftsapéro*, 20. Oktober 2003, Dübendorf.

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**FACHREFERATE (2002 – 2006)**

**Schaub, D.**, Tropospheric NO<sub>2</sub> from GOME and SCIAMACHY over the Alpine region, *Forschungskolloquium MeteoSchweiz*, 14 November 2006, Zürich, Switzerland.

**Schaub, D.**, Validation of space-borne NO<sub>2</sub> measurements over the Alpine region, *TECAT-Seminar*, 2 October 2006, Dübendorf, Switzerland, *invited*.

**Schaub, D.**, K. F. Boersma, Comparison of tropospheric NO<sub>2</sub> columns from space with columns derived from ground-based in situ measurements, *European Physical Society 13 Symposium*, 13 July 2005, Berne, Switzerland.

**Schaub, D.**, Space-borne trace gas measurements for air pollution monitoring in Switzerland, *Atmospheric chemistry seminar KNMI*, 15 March 2005, De Bilt, The Netherlands, *invited*.

**Schaub, D.**, Vergleich und Interpretation von troposphärischen NO<sub>2</sub>-Daten aus Satelliten- und Bodenmessungen, *Sitzung SKF (Schweiz. Kommission für Fernerkundung)*, 4 March 2005, Dübendorf, Switzerland, *invited*.

**Schaub, D.**, Comparison and interpretation of space-borne and ground-based in-situ NO<sub>2</sub> data, *2nd ACCENT-TROPOSAT-2 (AT2) workshop*, 31 January-2 February 2005, Bremen, Germany.

**Schaub, D.**, Weiss, A. K., Richter, A., Buchmann, B., Air Pollution Monitoring from Space – Activities at EMPA, *16th ESA Symposium on European Rocket and Balloon Programmes and Related Research*, 2-5 June 2003, St. Gallen, Switzerland.

**Schaub, D.**, Weiss, A. K., Regional Monitoring of NO<sub>2</sub>, *TEMIS user workshop*, 15-16 May 2003, ESA-ESRIN, Frascati, Italy, *invited*.

**Schaub, D.**, Weiss, A. K., Petritoli, A., The Use of Space-borne Measurements and the Ground-based Swiss Monitoring System for Tracing Atmospheric Pollution, *7th TROPOSAT workshop (final meeting)*, 8-9 May 2003, ESA-ESRIN, Frascati, Italy, *invited*.

**Schaub, D.**, Reimann, S., Stemmler, K., Weiss, A. K., Potential Source Regions of Trace Gases Observed at Jungfraujoch, *GAW-CH Conference*, 23 October 2002, ETH Zürich, Switzerland, *invited*.

**Schaub, D.** et al., Potential Source Allocation of Halogenated Greenhouse Gases measured at a High Alpine Site, *EGS XXVII General Assembly*, 21-26 April 2002, Nice, France.

**Schaub, D.** et al., Emission Modelling with Trajectory Statistics, *DUP-POLPO midterm review*, 15-18 April 2002, ISAC-CNR, Bologna, Italy, *invited*.

**Schaub, D.** et al., Potential Source Regions of Halogenated Greenhouse Gases measured at a High Alpine Site (Jungfraujoch), *SOGE meeting*, 7-9 January 2002, Bristol, England, *invited*.

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## POSTER (2001 – 2007)

**Schaub, D.**, Keller, J., Brunner, Boersma, F., D., Folini, D., Buchmann, B., SCIAMACHY NO<sub>2</sub> tropospheric columns: Evidences for systematic retrieval errors in the Alpine region, *EGU General Assembly*, 15-20 April 2007, Vienna, Austria.

Brunner, D., **Schaub, D.**, Buchmann, B., Reconstructing fine-scale air pollution structures from coarsely resolved satellite observations, *EGU General Assembly*, 15-20 April 2007, Vienna, Austria.

**Schaub, D.**, Keller, J., Brunner, D., Folini, D., Buchmann, B., SCIAMACHY NO<sub>2</sub> tropospheric columns: NO<sub>x</sub> lifetimes in Switzerland and evidences for systematic retrieval errors in the Alpine region, *Atmospheric Science Conference*, 8-12 May 2006, Frascati, Italy.

**Schaub, D.**, Boersma, K. F., Weiss, A. K., Comparing tropospheric NO<sub>2</sub> columns from space with columns deduced from ambient air measurements at different altitudes in the Alps, *EGU 2nd General Assembly*, 24-29 April 2005, Vienna, Austria.

Vollmer, M. K., Reimann, S., Stemmler, K., **Schaub, D.**, Folini, D., Chloroform-depleted air masses at the Jungfraujoch high-altitude observatory, *AGU Fall Meeting 2004*, 13-17 December, 2004, San Francisco, USA.

Buchmann, B., Folini, D., **Schaub, D.**, Stemmler, K., Hill, M., Reimann, S., Trends, Emission Estimates and Source Allocations of Halocarbons in Central Europe, *8th International Global Atmospheric Chemistry Conference (IGAC)*, 4-9 September, 2004, Christchurch, New Zealand.

Klausen, J., **Schaub, D.**, Folini, D., Zellweger, Ch., Nurhayati, N., Nasrullah, Siregar, C., Carbon Monoxide and Surface Ozone Measurements at the Global GAW Station Bukit Koto Tabang, West

Sumatra, Indonesia, *8th International Global Atmospheric Chemistry Conference (IGAC)*, 4-9 September, 2004, Christchurch, New Zealand.

**Schaub, D.**, Weiss, A. K., Comparing space-borne and ground-based (monitoring network) measurements, *EGU 1st General Assembly*, 25-30 April 2004, Nice, France.

**Schaub, D.**, Weiss, A. K., Pollution Transport to Switzerland inferred from Satellite Observations (POLTRASAT), *Forschungsmarktplatz EMPA 2004*, 11 March 2004, EMPA Dübendorf, Switzerland.

**Schaub, D.**, Weiss, A. K., Space-borne observations for air pollution monitoring in Switzerland, *Atmospheric Chemistry and Applications Workshop*, 19-21 January 2004, ESA-ESTEC, Noordwijk, The Netherlands.

**Schaub, D.**, Weiss, A. K., Richter, A., Buchmann, B., Space-borne detection of mesoscale NO<sub>2</sub> transport, *Forschungsmarktplatz EMPA 2003*, 26 March 2003, EMPA St. Gallen, Switzerland.

Folini, D., Uhl, S., Kaufmann, P., **Schaub, D.**, Weiss, A. K., Buchmann, B., Numerical models to locate sources of measured air pollution, *CSCS Users Day*, 25 November 2003, ETH Zürich, Switzerland.

**Schaub, D.**, Weiss, A. K., Petritoli, A., Richter, A., Frontal transport influencing the NO<sub>2</sub> distribution over Europe as observed from GOME, *EGS-AGU-EUG Joint Assembly*, 6-11 April 2003, Nice, France.

Petritoli, A., Bonasoni, P., Weiss, A. K., **Schaub, D.**, Fortezza, F., Nitrogen dioxide pollution in the Po basin: a quantitative analysis based on ground-based and satellite measurements, *EGS-AGU-EUG Joint Assembly*, 6-11 April 2003, Nice, France.

**Schaub, D.**, Weiss, A. K., Petritoli, A., Richter, A., Frontal transport of NO<sub>2</sub> as observed from GOME, *4th Swiss Global Change Day*, 4 April 2003, Berne, Switzerland.

**Schaub, D.** et al., On the use of space-borne NO<sub>2</sub> measurements from GOME for tracing tropospheric pollution, *3rd Swiss Global Change Day*, 4 April 2002, Berne, Switzerland.

Weiss, A. K., Seitz, T., **Schaub, D.**, Petritoli, A., The extent of high concentration patches observed in remote locations, *7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC)*, 18-25 September 2002, Crete, Greece.

Weiss, A. K., **Schaub, D.**, Hofer, P., The use of space-borne measurements and the ground-based Swiss Monitoring System for tracing atmospheric pollution, *Eurotrac-2 Symposium 2002*, 11-15 March 2002, Garmisch-Partenkirchen, Germany.

Stemmler, K., **Schaub, D.**, Reimann, S., Weiss, A. K., Hofer, P., Estimation of European Emissions of Halogenated Greenhouse Gases by Exploitation of On-Line Measurements at a Alpine Station (Jungfraujoch), *8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants*, 17-20 October, 2001, Torino, Italy.