

# Anneke Martien Batenburg

## List of presentations

### Oral presentations

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| 02/2012 | <i>The stable isotopic composition of molecular hydrogen: Moving up from the ground</i><br>A.M. Batenburg, M.E. Popa, A.T. Vermeulen, W.C.M. van den Bulk, P.A.C. Jongejan, T.J. Schuck, A.K. Baker, A. Zahn, C.A.M. Brenninkmeijer, and T. Röckmann<br>TransACTS symposium 2012<br>Lunteren, the Netherlands                      |
| 10/2011 | <i>The stable isotopic composition of atmospheric H<sub>2</sub>; at the ground and in the lowermost stratosphere (LMS)</i><br>A.M. Batenburg, T.J. Schuck, A.K. Baker, A. Zahn, C.A.M. Brenninkmeijer, S. Walter, G. Pieterse and T. Röckmann<br>Buys Ballot OnderzoeksSchool Autumn Symposium 2011<br>Oranjewoud, the Netherlands |
| 10/2011 | <i>CARIBIC based D/H measurements for understanding the molecular hydrogen (H<sub>2</sub>) cycle</i><br>A.M. Batenburg, T.J. Schuck, A.K. Baker, A. Zahn, C.A.M. Brenninkmeijer, T. Röckmann<br>CARIBIC workshop<br>Seeheim, Germany                                                                                               |
| 04/2011 | <i>Temporal and spatial variability in <math>\delta(D,H_2)</math>: measurement time series from six EUROHYDROS stations</i><br>A.M. Batenburg, G. Pieterse, M. Krol, S. Walter, I. Levin, M. Schmidt, A. Jordan, S. Hammer, C. Yver and T. Röckmann<br>European Geosciences Union General Assembly 2011<br>Vienna, Austria         |
| 01/2011 | <i>Temporal and spatial variability in (the isotopic composition of) atmospheric H<sub>2</sub></i><br>A.M. Batenburg, G. Pieterse, E. Popa, S. Walter and T. Röckmann<br>TransACTS Symposium<br>Ede, the Netherlands                                                                                                               |
| 04/2010 | <i>Correlations between <math>\delta D-H_2</math> and other trace gases in the UTLS region</i><br>A.M. Batenburg, A.K. Baker, T. Schuck, C.A.M. Brenninkmeijer and T. Röckmann<br>BASIS Annual Meeting 2010<br>Arnhem, the Netherlands                                                                                             |
| 03/2010 | <i>Correlations between the deuterium content of molecular hydrogen and other trace gases from CARIBIC samples - stratosphere and monsoon results.</i><br>A.M. Batenburg, A.K. Baker, T. Schuck, C.A.M. Brenninkmeijer and T. Röckmann<br>CARIBIC workshop<br>Schloß Ringberg, Germany                                             |
| 09/2009 | <i>The isotopic composition of atmospheric H<sub>2</sub></i><br>A.M. Batenburg, S. Walter and T. Röckmann<br>NCAS Graduate Summer School in Atmospheric Measurement<br>Isle of Arran, Scotland, UK                                                                                                                                 |
| 04/2009 | <i>The isotopic composition of atmospheric H<sub>2</sub></i><br>A.M. Batenburg, S. Walter, T. Schuck, C.A.M. Brenninkmeijer and T. Röckmann<br>BASIS 2009 Annual Meeting<br>Brugues, Belgium                                                                                                                                       |

- 10/2008 | *The impact of a future hydrogen economy on atmospheric composition and climate*  
A.M. Batenburg, E. Popa, G. Pieterse, S. Walter, A. Vermeulen and T. Röckmann  
5<sup>th</sup> ACTS Sustainable Hydrogen Conference  
Ede, the Netherlands
- 10/2008 | *The isotopic composition of atmospheric H<sub>2</sub>*  
A.M. Batenburg, S. Walter, G. Pieterse and T. Röckmann  
Buys Ballot OnderzoeksSchool Autumn Symposium 2008  
Texel, the Netherlands
- 09/2008 | *Isotopic measurements on atmospheric H<sub>2</sub>*  
A.M. Batenburg, S. Walter, G. Pieterse, C. X. Gómez Alvarez and T. Röckmann  
EUROHYDROS 2<sup>nd</sup> Annual Meeting  
Bologna, Italy

## Poster presentations

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- 05/2012 | *Temporal and spatial variability of  $\delta D(H_2)$  from six EUROHYDROS stations*  
A. M. Batenburg, S. Walter, G. Pieterse, I. Levin, M. Schmidt, A. Jordan, S. Hammer, C. Yver, and T. Röckmann  
ESRL Global Monitoring Annual Conference  
Boulder, Colorado, USA  
Presented by T. Röckmann
- 04/2012 | *The stable isotopic composition of molecular hydrogen in the tropopause region probed by the CARIBIC aircraft*  
A.M. Batenburg, T.J. Schuck, A.K. Baker, A. Zahn C.A.M. Brenninkmeijer and T. Röckmann  
European Geosciences Union General Assembly 2012  
Vienna, Austria
- 04/2012 | *The stable isotopic composition of atmospheric molecular hydrogen at the Cabauw tall tower in the Netherlands*  
A.M. Batenburg, M.E. Popa, A.T. Vermeulen, W.C.M. van den Bulk, P.A.C. Jongejan, and T. Röckmann  
European Geosciences Union General Assembly 2012  
Vienna, Austria
- 04/2011 | *Correlations between  $\delta(D,H_2)$  and methane (CH<sub>4</sub>) in the UTLS region obtained from CARIBIC samples*  
A.M. Batenburg, T.J. Schuck, A.K. Baker, C.A.M. Brenninkmeijer and T. Röckmann  
European Geosciences Union General Assembly 2011  
Vienna, Austria
- 04/2011 | *Measurements of atmospheric H<sub>2</sub> and  $\delta(D,H_2)$  at the Cabauw tall tower in the Netherlands*  
A.M. Batenburg, M.E. Popa, A.T. Vermeulen, W.C.M. van den Bulk, P.A.C. Jongejan and T. Röckmann  
European Geosciences Union General Assembly 2011  
Vienna, Austria
- 06/2010 | *Correlations between the deuterium content of molecular hydrogen ( $\delta D-H_2$ ) and other trace gases in the UT/LS region*  
A.M. Batenburg, A.K. Baker, T. Schuck, C.A.M. Brenninkmeijer and T. Röckmann  
The Fifth International Symposium on Isotopomers (ISI2010)  
Amsterdam, the Netherlands
- 06/2010 | *Temporal and spatial variability of  $\delta D-H_2$  from six EUROHYDROS stations*  
A.M. Batenburg, S. Walter, G. Pieterse, I. Levin, M. Schmidt, A. Jordan, S. Hammer, C. Yver and T. Röckmann  
The Fifth International Symposium on Isotopomers (ISI 2010)

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|         | Amsterdam, the Netherlands                                                                                                                                                                                                                                                                                             |
| 04/2009 | <i>Deuterium content of H<sub>2</sub> measured on air samples from the CARIBIC project</i><br>A.M. Batenburg, T. Schuck, C.A.M. Brenninkmeijer, T. Röckmann <sup>1</sup><br>European Geosciences Union General Assembly 2009<br>Vienna, Austria                                                                        |
| 04/2009 | <i>Measuring the variation of the isotopic composition of H<sub>2</sub> in the atmosphere</i><br>A.M. Batenburg, T. Röckmann and S. Walter<br>European Geosciences Union General Assembly 2009<br>Vienna, Austria                                                                                                      |
| 10/2008 | <i>Measuring the variation of the isotopic composition of H<sub>2</sub> in the atmosphere</i><br>A.M. Batenburg, T. Röckmann and S. Walter<br>The 4th International Symposium on Isotopomers (ISI 2008)<br>Tokyo, Japan                                                                                                |
| 07/2008 | <i>The isotopic composition of atmospheric H<sub>2</sub></i><br>A.M. Batenburg, G. Pieterse, S. Walter and T. Röckmann<br>Zukunftskolleg Summer School 2008<br>"Observing and Understanding Earth: Making the most of Environmental Measurements"<br>Konstanz, Germany<br>Winner of Student Poster Award, second prize |
| 06/2008 | <i>The isotopic composition of atmospheric H<sub>2</sub></i><br>A.M. Batenburg, G. Pieterse, S. Walter and T. Röckmann<br>The Ninth Informal Conference on Atmospheric Chemistry and Molecular Science<br>Helsingør, Denmark                                                                                           |
| 04/2008 | <i>The isotopic composition of atmospheric H<sub>2</sub></i><br>A.M. Batenburg, G. Pieterse, S. Walter and T. Röckmann<br>BASIS 2008 Annual Meeting<br>Arnhem, the Netherlands                                                                                                                                         |