



BACCHUS

Impact of Biogenic versus Anthropogenic emissions on Clouds and Climate: towards a Holistic UnderStanding

Collaborative Project

SEVENTH FRAMEWORK PROGRAMME
ENV.2013.6.1-2

Atmospheric processes, eco-systems and climate change

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Summary

The BACCHUS Second Annual Meeting took place on 26-28 January 2016 in Zurich, Switzerland. Minutes, presentations and posters have been made available at the project wiki (wiki.bacchus-env.eu), for which access is restricted to BACCHUS members.

Agenda of Second Annual Meeting:

Day 1, Tuesday, 26 January 2016

- Work package 1 workshop
- Work package 3 workshop
- Welcome address and project overview (U. Lohmann, ETHZ)
- Technical information (C. Schnadt Poberaj, ETHZ)
- Status of WP1 (A. Ansmann, TROPOS)
- Status of WP2 (M. Kanakidou, UOC)
- Status of WP3 (P. Stier, UOXF)
- Status of WP4 (J.E. Kristjansson, UiO)
- Status of WP5-7 (C. Schnadt Poberaj, ETHZ)
- Poster session

Day 2, Wednesday, 27 January 2018

- General Assembly
- Scientific guest: Dissipation of Arctic mixed-phase stratus (C. Hoose, KIT/DE)
- Scientific, WP1: Overview Cyprus spring campaign 2015 (J. Sciare, CYI)
- Scientific, WP1: Overview Mace Head summer campaign (J. Ovadnevaite, NUIG)
- Scientific, WP1 Closure studies, satellite remote sensing (D. Rosenfeld, HUJI)
- Scientific, WP1: Global INP data base: status, progress, goals (J. Atkinson, ETHZ)
- Scientific, WP2: Role of biogenic and anthropogenic organic compounds in new particle formation and growth to CCN (V.-M. Kerminen, UHEL)
- Scientific, WP2: CCN synthesis study (J. Schmale, PSI)
- Scientific, WP3: Model intercomparison of an Arctic stratus case study (R. Stevens, UNIVLEEDS)
- Scientific, WP3: Cloud microphysics in the Convective Cloud Field model in MPI-ESM (L. Labbouz, UOXF)
- Scientific, WP4: Global modelling of INP (J. Temprado, UNIVLEEDS)
- Scientific, WP4: MACv2.0-SP parameterization of optical properties for anthropogenic aerosol (S. Fiedler, MPI-M)
- Joint WP1/WP2 and WP3/WP4 Workshops
- Work package workshops
- Joint SAB and SC Meeting

Day 3, Thursday, 28 January 2016

- Scientific: Overview of the GASSP project (K. Carslaw, UNIVLEEDS)
- Scientific: Overview of the ACTRIS network (U. Baltensperger, PSI)
- Scientific, guest: Fluorescent bioaerosol measurements (A. Huffman, Denver University)
- Plenary: results from WP1
- Plenary: results from WP2
- Plenary: results from WP3

- Plenary: results from WP4
- Plenary: discussions, action items etc.

The Annual Meeting consisted of two three main parts:

1. The work package leaders presented overviews of the status of their work packages on the first meeting day;
2. Scientific presentations highlighted work done so far in the work packages in more detail. WPs 2-4 presented their work in two talks each, and WP1, due to its large number of members, was assigned four presentations. Further scientific presentations were given by invited guests: Prof. Corinna Hoose from Karlsruhe Institute of Technology, Germany, Prof. Alex Huffman from the University of Denver, and from the Scientific Advisory Board, Prof. Athanasios Nenes from Georgia Institute of Technology, USA. In addition, as was suggested by the SAB at the First Annual Meeting (see deliverable D7.6, Minutes of SAB meeting 2), the BACCHUS PIs Ken Carslaw (UNIVLEEDS) and Urs Baltensperger (PSI) reported about the GASSP project and the ACTRIS network, respectively.
3. The third main part consisted of WP workshops, in which the members of the WPs discussed in detail their work; in particular, the future plans of their work. As was decided at the First Annual Meeting, to facilitate collaborations and create synergies between work packages, two joint workshops were carried out, one by WP1 and WP2, and the other by WP3 and WP4. The outcome of these workshops was summarised and discussed in plenum on the third meeting day.

The BACCHUS Steering Committee (SC) met on Wednesday, 27 January. Minutes of this meeting will be provided as Deliverable D7.8 (dissemination level RE) and will be available at the BACCHUS wiki.

Athanasios Nenes from the SAB attended the whole project meeting. The main purpose of the SAB member to attend the entire meeting was to listen to and discuss with the consortium partners their scientific outcome and plans, and to give feedback and advice. For this purpose, a second joint SC and SAB meeting was carried out on Wednesday, 27 January, as a videoconference. At this meeting, two more members of the SAB, Dr. Paul DeMott from Colorado State University, USA and Prof. Peter Knippertz from Karlsruhe Institute of Technology (KIT) joined the meeting on this occasion. Dr. Markus Rex from Alfred Wegener Institute (AWI) and Dr. Graham Feingold from National Oceanic and Atmospheric Administration (NOAA), USA, were excused. Results of this discussion will be summarised as Deliverable D7.9 (dissemination level RE), the document will be available at the BACCHUS wiki.

Changes with respect to the DoW

Deliverable 7.7 was scheduled for month 24 of the project. However, the Annual Meeting only took place on 26-28 January 2016. For this reason, the deliverable has been delayed accordingly in agreement with the European Commission.