

Minutes of the AS Division meeting 21st of April, 2016, Vienna

The meeting was attended by 150 people.
The agenda was the following:

1. EGU in 2016
2. AS in 2016
3. AS Medalists and awards (including approval of Medal Committee)
4. Early Career Scientists
5. AS structure (needs approval)
6. EGU elections 2016
7. Meetings, outreach, education and journals
8. Future Assembly
9. Any other business

1. EGU in 2016

1.1 GA Statistics

As of April 14th, 2016, the General Assembly (GA) of EGU collected 16,130 papers in the program (a substantial increase compared to 2015 with 13.34%). Of those papers, 4,863 were oral presentations, 10,320 were posters and 947 were PICO (Presenting Interactive Content). The average ratio of oral/poster/PICOs is 30% / 64% / 6%. In total there were 619 unique scientific and 321 Side Events. At the end of the conference, it is estimated that the total number of participants will be just below 13,650.

2. AS in 2016

The Atmospheric Sciences Division is the second largest division of EGU. In 2016, the AS Division received 1,526 abstracts (increase by 11% relative to 2015). Furthermore, including co-organized sessions, AS received 2,682 papers in 2016. The AS Program included 52 AS-led sessions (10 more compared to 2015) and 41 co-organized sessions (21 more than in 2015).

In relation to the total assembly, AS receives 17% of the abstracts, which is an increase by 3% compared to last year. The number of oral presentations was 798 (29% of all AS presentations, the corresponding number for the total Assembly is 4,853 = 29%), the number of posters was 1,894 (68%) (total Assembly: 10,273 = 61%) and the number of PICO presentations 77 (3%) (total Assembly: 943 = 6%). 13 participants were granted with a Young Scientist Travel Award (24% of the total number of applications within the AS Division). The success rate for the whole EGU is approximately 30%.

The AS-Division has only one AS-led PICO session. Oksana Tarasova was invited to the stage to inform more about PICO - Presenting Interactive Content. PICO is short, precise, scientific. And PICO is the best of both worlds. PICO is bringing the advantages of both, oral and poster, together into an innovative type of presentation which opens the opportunity to be interactive.

Every PICO author presents first his/her work orally. But afterwards, all session attendees have enough time to watch the presentation again, to discuss with the author and colleagues, and to network.

A discussion was held during the division meeting on different ways to increase the number of PICOs within the AS Division. Suggestions included: more information on web site about PICOs, clearer application procedure for PICOs during abstract registration, possibility to have PICO in combination with oral session.

Within the AS Division, there were in 2016:

- AS1 (Meteorology): 26 sessions (15 co-organized)
- AS2 (Boundary Layer Processes): 6 sessions (6 co-organized)
- AS3 (Atmospheric Chemistry and Aerosols): 25 sessions (6 co-organized)
- AS4 (Inter-disciplinary): 36 sessions (31 co-organized)

No short courses were co-organized by the AS.

Within the AS division, there has been a substantial increase in the number of abstracts in 2016 compared to 2015, but also a substantial increase in the number of sessions. The abstract to session ratio was 29 in 2015 compared to 33 in 2016. This lower ratio means more numerous but smaller sessions. This creates difficulties when scheduling the program and conveners were encouraged to look at the possibility of merging their session with others.

It is important to note that EGU General Assembly presentations take place for a whole week, Monday to Friday from 08:30-19:00. The AS Division had 15 sessions on Friday (10 sessions 13:30-19:00) and 11 sessions Monday 8:30-12:00.

All participants were invited to give feedback on the GA 2016. A GA Survey is available at: www.egu2016.eu/feedback. Information about the survey will also be distributed via email to participants and EGU members after GA. The survey will close mid-June.

3. AS Medalists and awards (including approval of Medal Committee)

3.1 AS Medals and awards.

The AS Division has three types of awards: The Vilhelm Bjerknes Medal; The AS Division Outstanding Young Scientist Award (OYSA) (this awardee is also nominated for the Union Arne Richter Award for Outstanding Young Scientists) and the EGU Outstanding student poster and PICO (OSPP) award. For 2016, it is new that PICO presentations are also included in the student awards. AS also noted that John P. Burrows (who received the Vilhelm Bjerknes Medal in 2013) received the Union Alfred Wegener Medal and Honorary Membership.

3.2 Vilhelm Bjerknes Medal

The 2016 Vilhem Bjerknes Medal was awarded to Maria Kanakidou for her “outstanding scientific contributions and international leadership in advancing the understanding of interactions between atmospheric chemistry, biogeochemical cycles and climate”. The committee

noted with pleasure that they had received a large number of nominations this year. All AS Division members are very much encouraged to submit suggestions for the 2017 award. For the 2017 nominations, the submission deadline is 15 June 2016. The nomination package should include:

- Nomination letter (1 page)
- CV (2 pages)
- Selected biography (2 pages)
- Support letters (3 to 5, 1 page each)

More details on the submission procedures and nomination are provided at the EGU web site: www.egu.eu/awards-medals. Please also consider gender balance when you are nominating.

To ensure that the Medal candidates are properly evaluated, the AS Division also had to approve the suggested Vilhelm Bjerknes Medal Committee. The following composition was approved by AS Division (150 votes “for”, 0 votes “against”, 0 abstentions):

- Chair: Dr. Maria Kanakidou
- Members: Dr. John Burrows, Dr. Urs Baltensperger, Dr. Markku Kulmala.

3.3 OYSA award

The 2016 AS Division Outstanding Young Scientist Award was given to Joseph A. Sedlar for his work on “inspired and creative analyses of Arctic clouds and their impact on the summer surface energy balance of sea ice in the Arctic Ocean and for unselfish contributions during Arctic field work”.

All AS Division members are very much encouraged to submit suggestions for the 2016 OYSA award. For the 2016 nominations, the submission deadline is 15 June 2016. The nomination package should include:

- Nomination letter (1/2 page)
- CV (1 page)
- Selected biography (1/2 pages)

The definition of an EGU Young Scientist is that by 1 January of the year when the award is presented, the candidate should be: an undergraduate or postgraduate student, or received his/her degree within last 7 years. In addition, where appropriate, up to one year of parental leave may be added per child. More details on the submission procedures and nomination are provided at the EGU web site: www.egu.eu/awards-medals.

3.4 EGU OSP/OSPP award

There are two main targets with the OSP awards that were handed out in 2015:

- To foster the excitement of **younger colleagues** in presenting their work in form of a poster.
- To further improve the overall quality of poster presentations

More details can be found on: <http://www.egu.eu/awards-medals/union-osp-award>.

For the AS Division, the OSP contest coordinator is Prodromos Zanis. In 2015, 124 posters were submitted to the competition. It is extremely important that all conveners and co-conveners assign judges to the OSP candidates in their sessions *and* make sure that the judges hand in their evaluation forms.

Four EGU 2015 there were the following five winners of an OSP award:

- **Ivy Tan** “*In search of the best match: probing a multi-dimensional cloud microphysical parameter space to better understand what controls cloud thermodynamic phase*”
- **Thea Schiebel** “*New Instrument INKA for Ice Nucleation and Growth Experiments*”
- **Lukas Pfitzenmaier** “*Effect of cloud microphysics on particle growth under mixed phase conditions*”
- **Gillian Young** “*Investigating the Microphysics of Arctic Mixed-Phase Clouds using Large Eddy Simulations: The Importance of Liquid-Dependent Ice Nucleation*”
- **Pierre Nabat** “*Climate-aerosol interactions over the Mediterranean region: a regional coupled modelling approach*”

For the 2016 competition, 177 applications have been submitted and referees have been assigned almost all candidates (three for each poster). However, the AS president forwarded information from Prodromos Zanis that it is the conveners and co-conveners work to assign judges, and not all conveners has done their work. It is also extremely important that the conveners and co-conveners make sure that the judges fill in their reports and submit them in the new online system. There has to be three reports for each poster, otherwise the evaluation is not complete.

4. Early career scientists (ECSs)

Early career scientists represent more than 40% of the participants at the general assembly. More information on the EGU ECS activities can be found on: www.egu.eu/ecs. The general goal of the EGU with the ECS network is to:

- Help ECS build a network
- ECS representation at EGU PC and Council
- Push ECS to be more involved in scientific life at EGU
- Encourage ECS to convene sessions

4.1 Outreach activities within the AS Division

Thanks to some active ECS members, there are some special AS outreach activities:

- The EGU AS web page (as.egu.eu) is managed by Heiko Bozem. He is also the AS web master.
- The EGU AS Twitter (@EGU Atmos) managed by Michelle Cain
- The EGU AS Facebook managed by Michelle Cain
- The EGU AS Blog managed by Dasaraden Mauree with input also from Thomas Webb

The EGU is very grateful to these members!

4.2 EGU AS Division EVS representative

The outgoing AS Division ECS representative is Michelle Cain. She is replaced by the incoming ECS representative Ali Hoshyaripour. The AS division will also form a network of ECS scientists that can support Ali in his work. All AS ECS that want to get involved are encouraged to contact Ali.

5. AS structure (needs approval)

Ulrich Achatz and Neil Wells have stepped down as Science Officers of the Meteorology and Boundary Layer Processes Sections, respectively. Rune Grand Graversen and Jordi Vila have volunteered to become new officers. The following structure of the AS Division was therefore suggested and approved:

President	Annica Ekman
Deputy President	Oksana Tarasova
Science Officers	Rune Grand Graversen <i>Meteorology</i>
	Hinrich Grothe <i>Atmospheric Chemistry and Aerosols</i>
	Jordi Vila <i>Boundary Layer Processes</i>
Awards & Medals	Maria Kanakidou
News	Heiko Bozem
Outreach & Education	Oksana Tarasova
Division Liaison	Yafang Cheng
OSP Coordinator	Prodromos Zanis
Webmaster	Heiko Bozem
YS Representative	Ali Hoshyaripour

6. EGU elections 2016

EGU elections for new EGU Division Presidents and Treasurer will take place during the fall 2016. Division presidents are elected for two years and are eligible for re-election once only. Annica Ekman announced that she will be a candidate for re-election but also welcomed new nominations. An email will be sent out to all members for nominations (during September) and the elections will take place in November.

7. Meetings, outreach, education and journals

7.1 EGU meetings

The EGU Meetings Programme is dedicated to the pursuit of progress in all areas of the Earth, planetary and space sciences through excellence in the organization and running of a number of EGU co-sponsored events. EGU co-sponsorship supposes high quality of the meeting and branding them with EGU label. Co-sponsored meetings include:

- Conference series
- Topical meetings
- Workshops
- Training schools
- External meetings

There are two opportunities to get your meeting sponsored: 1 Jun – 31 Jul 2016 & 1 Nov 2016 – 31 Dec 2016.

A new feature is also the EGU Galileo Conferences. These conferences address well-focused cutting-edge topics at the frontier of geosciences research. A limited number, typically about one hundred internationally recognized scientists meet for 3-5 days to discuss and debate issues at the forefront of the discipline. The conferences are informal: the state-of-the-art is outlined in keynote presentations designed to trigger in-depth discussion of important aspects of the conference topic. Usually about 50% of the conference time is dedicated to debate and dialogue, culminating in a final round table discussion where future research directions are also included. Since Galileo Conferences provide an open atmosphere for sharing the latest research results, presentations and discussions are treated confidentially, unless otherwise agreed. For the Galileo Conferences:

- EGU is putting at disposal the conference organization tools; web hosting, abstract, programme and registration management.
- EGU provides comprehensive organisational support by organizing e.g. venue, poster boards, catering, Wi-Fi facilities, etc. Thereby the organising committee can fully focus on the scientific aspects of the conference.
- Support for Early Career Scientists (up to 5000€)
- EGU is covering a potential deficit of the event.

7.2 Communication and Outreach activities

For many scientists EGU is associated with General Assembly only, while in reality the Union is much wider than just assembly (though it is a key activity together with publications). To increase the awareness of the geoscientist of the broader spectrum of EGU activities, the Union developed quite intensive outreach program (<http://www.egu.eu/outreach/>) that includes:

1. Blogs and social media
2. GeoQ Newsletter – EGU newsletter, which from this year will be distributed monthly
3. IMAGGEO- Open Access Geosciences Image Repository
4. EGU TV

EGU co-sponsors the conferences, workshops and summer schools.

The EGU also has a new Science Policy Fellow, Sarah Connors. She is currently putting together an Expertise Database and asks EGU members who want to become more involved with policy to

register on the new EGU expertise database www.egu.eu/policy/expertise. Alternatively, contact Sarah by email: policy@egu.eu; Website: www.egu.eu/policy.

There are also new Public engagement grants; Two excellent projects “to celebrate and recognise science communication in the Earth, planetary and space sciences” were selected for 2016 and were announced during the General Assembly. Applications for 2017 are welcome (after November) at: <http://www.egu.eu/user-area/peg/>.

7.3 Education

The Union also has an extensive education program (<http://www.egu.eu/education/>) that includes

- Geosciences Information for Teachers (GIFT) Workshop
- Planet press – geoscientific news for children
- Teacher’s corner – teaching resources in geosciences
- GeoLocations Database – geological locations across Europe
- I’m a Geoscientist – engagement event connecting school students and geoscientists

7.4 EGU publications

EGU runs several Open Access Journals that are related to the Atmospheric Sciences Division:

Atmospheric Chemistry & Physics (ACP), impact factor 5.1

Atmospheric Measurement Techniques (AMT), impact factor 2.9

Annales Geophysicae (ANGEO), impact factor 1.7

Geoscientific Model Development (GMD) ~, impact factor 3.7

There are 13 more journals on Biogeosciences, Climate, Cryosphere, Earth System Dynamics, Hydrology, Natural Hazards, Oceans, Soil ... published by EGU as open access journals.

Background Information on Open Access & Multi-Stage Open Peer Review: www.atmospheric-chemistry-and-physics.net/general_information/public_relations.html and links on following pages. More detailed information on EGU Journals can be found at the web page <http://www.egu.eu/publications/list-of-publications.html>. Generally, EGU Journals are in a good “health” with high citation indexes.

8. Meetings & Future Assembly

The next EGU General Assembly will be held on 23-28 April 2017 in Vienna.

Conveners of EGU2016 will be requested to confirm their wish to continue with the session (May-June). New session suggestions are welcome until 15 September.

9. Any other business

No additional items were brought up.