

Minutes of the AS Division meeting 27st of April, 2017, Vienna

The meeting was attended by 200 people.
The agenda was the following:

1. EGU GA in 2017
2. AS at EGU GA in 2017
3. AS Medalists and awards (including approval of Medal Committee)
4. Early Career Scientists
5. AS structure (needs approval)
6. EGU elections 2017
7. Meetings, outreach, education and journals
8. Future Assembly
9. Any other business

1. EGU in 2017

1.1 GA Statistics

As of April 24th, 2017, the General Assembly (GA) of EGU collected 17,273 papers in the program (a substantial increase compared to 2016 with 7.9%). Of those papers, 4,833 were oral presentations, 11,216 were posters and 1224 were PICO (Presenting Interactive Content). The average ratio of oral/poster/PICOs is 28% / 65% / 7%. At the end of the conference, it is estimated that the total number of participants will be just below 14,500.

2. AS in 2017

The Atmospheric Sciences Division is the third largest division of EGU. In 2017, the AS Division received 1,699 abstracts (increase by 11% relative to 2016). Furthermore, including co-organized sessions, AS received 3,111 papers in 2017. The AS Program included 52 AS-led sessions (same number as 2016) and 57 co-organized sessions (16 more than in 2016).

In relation to the total assembly, AS receives 19% of the abstracts, which is an increase by 2% compared to last year. The number of oral presentations was 844 (27% of all AS presentations, the corresponding number for the total Assembly is 4,833 = 28%), the number of posters was 2,075 (67%) (total Assembly: 11,216 = 65%) and the number of PICO presentations 194 (6%) (total Assembly: 1,224 = 7%). 16 participants were granted with a Early Career Scientist Travel Award (1% of the total number of applications within the AS Division). The success rate for the whole EGU is approximately 1%.

The AS-Division had three AS-led PICO sessions, which is a substantial increase compared to last year. 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.

Within the AS Division, there were in 2017:

- AS1 (Meteorology): 35 sessions (15 co-organized)
- AS2 (Boundary Layer Processes): 8 sessions (3 co-organized)
- AS3 (Atmospheric Chemistry and Aerosols): 21 sessions (3 co-organized)
- AS4 (Inter-disciplinary): 41 sessions (33 co-organized)

Three AS specific short courses were organized.

Within the AS division, there has been a substantial increase in the number of abstracts in 2017 compared to 2016, but no increase in AS-led sessions. The abstract to session ratio was 33 in 2016 and is the same in 2017. This low ratio means many small sessions which 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 11 sessions on Friday and 7 sessions Monday 8:30-12:00.

All participants were invited to give feedback on the GA 2017. A GA Survey is available at: www.egu2017.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 Early Career Scientist Award (OECSA) (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.

3.2 Vilhelm Bjerknes Medal

The 2017 Vilhem Bjerknes Medal was awarded to John M. C. Plane “*in recognition of his groundbreaking work in atmospheric chemistry. He has made fundamental contributions to the study of metal layers in the upper atmosphere and the chemistry of biogenic, halogen compounds in the marine boundary layer.*”. 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 2018 award. For the 2018 nominations, the submission deadline is 15 June 2017. 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 (120 votes “for”, 0 votes “against”, 0 abstentions):

- Chair: Dr. Maria Kanakidou
- Members: Dr. Urs Baltensperger, Dr. John M. C. Plane, Dr. Oksana Tarasova.

3.3 Outstanding Early Career Scientist Award

The 2017 AS Division Outstanding Early Career Scientist was nominated and give the Union level Arne Richter Award for Early Career Scientists: Federico Bianchi for his “*exceptional contributions to understanding the formation process of new atmospheric particles through laboratory experiments and mountain expeditions*”.

All AS Division members are very much encouraged to submit suggestions for the 2018 OECS award. For the 2018 nominations, the submission deadline is 15 June 2017. 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 OSPP award

There are two main targets with the OSPP awards that were handed out in 2016:

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

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

For the AS Division, the OSPP contest coordinator is Prodromos Zanis. In 2016, 177 posters were submitted to the competition. It is extremely important that all conveners and co-conveners assign judges to the OSPP candidates in their sessions *and* make sure that the judges hand in their evaluation forms.

Four EGU 2017 there were the following five winners of an OSPP award:

- **Christina Theodosi** “*In Chemical composition and sources of ambient aerosol in an urban environment over Athens, Greece: Case study on the role of wintertime biomass burning*”
- **Christoph Franzen** “*New Single vs multi-level quenching of the hydroxyl airglow*”
- **Emiliano Stopelli** “*Landscape-precipitation feedback mediated by ice nuclei: an example from the Arctic*”

- **James Ruppert jr** ”*Climate Implications of the Moist-convective Diurnal Cycle*”
- **Jan-Marcus Nasse** ”*Autonomous Long-Path DOAS Measurements of Tropospheric Trace Gases at Neumayer Station III, Antarctica*”

For the 2017 competition, 190 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. 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 about 50% 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 ECS representative

The AS Division ECS representative is Ali Hoshyaripour. Ali is now heading a team within the AS division of eight ECS scientists that support Ali in his work. All AS ECS that want to get involved are encouraged to contact Ali (ecs-as@egu.eu). Ali could not be present at the EGU GA 2017 but was AS ECS were instead represented by Nando Iglesias Suarez.

5. AS structure (needs approval)

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 2017

EGU elections for new EGU Division Presidents will take place during the fall 2017. Division presidents are elected for two years and are eligible for re-election once only. Election of a new division president for divisions with a president who starts her/his second term now and who is outgoing in 2019, i.e. for the AS Division:

- Elections in November 2017 with 2 candidates minimum (call for nominations will be sent out in September).
- The elected person will become:
 - incoming division deputy president at the GA 2018.
 - division president at the GA 2019.

An email will be sent out to all members for nominations (during September).

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 meetings. EGU will from 2018 sponsor:

- Conference series
- Training schools
- Galileo Conferences

There is one opportunity to get your training school sponsored: 1 Jun – 31 Jul 2017.

A relatively new feature is 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 Science Policy Fellow, Sarah Connors. For more information, 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 2017 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

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 8-13 April 2018 in Vienna.

Conveners of EGU2018 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.