

## **Minutes of the AS Division meeting 13th of April, 2018, Vienna**

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

1. EGU GA in 2018
2. AS at EGU GA in 2018
3. AS Medalists and awards (including approval of Medal Committee)
4. Early Career Scientists
5. Result from EGU elections 2017
6. AS structure (needs approval)
7. Meetings, outreach, education and journals
8. Future Assembly (including discussion about future format)
9. Any other business

### **1. EGU in 2018**

#### *1.1 GA Statistics*

The General Assembly (GA) of EGU 2018 collected 17,146 papers in the program. Of those papers, 4,766 were oral presentations, 11,128 were posters and 1419 were PICO (Presenting Interactive Content). The average ratio of oral/poster/PICOs is 28% / 64% / 8%. At the end of the conference, the total number of participants was just above 15,000.

### **2. AS in 2018**

The Atmospheric Sciences Division is the second largest division of EGU. In 2018, the AS Division received 1,863 abstracts (increase by 10% relative to 2017). Furthermore, including co-organized sessions, AS received 3,356 papers in 2018. The AS Program included 61 AS-led sessions and 58 co-organized sessions (16 more than in 2016).

In relation to the total assembly, AS receives 20% of the abstracts, which is an increase by 1% compared to last year. The number of oral presentations was 943 (28% of all AS presentations, the corresponding number for the total Assembly is 4,769 = 28%), the number of posters was 2,143 (64%) (total Assembly: 11,020 = 64%) and the number of PICO presentations 270 (8%) (total Assembly: 1,408 = 8%). 17 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 2%.

The AS-Division had eight AS-led PICO sessions, which is a substantial increase compared to last year (5 more sessions). PICO is short, precise, scientific. 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 has been a substantial increase in the number of abstracts in 2017 compared to 2016, and also an increase in AS-led sessions. The abstract to session ratio was 33 in 2016 and slightly lower in 2017 (31).

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 and 9 sessions on Monday. In 2018 snacks will for the first time be offered during the poster session on Friday to encourage more participants.

All participants were invited to give feedback on the GA 2018. A GA Survey is available at: [www.egu2018.eu/feedback](http://www.egu2018.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 2018 Vilhem Bjerknes Medal was awarded to Pinhas Alpert “*for his outstanding contributions to atmospheric dynamics and aerosol science*”. The committee noted with pleasure that they had received a several nominations this year. All AS Division members are very much encouraged to submit suggestions for the 2019 award. For the 2019 nominations, the submission deadline is 15 June 2018. 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](http://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:

- Chair: Dr. Maria Kanakidou
- Members: Dr. Pinhas Alpert, Dr. John M. C. Plane, Dr. Oksana Tarasova.

#### ***3.3 Outstanding Early Career Scientist Award***

The 2018 AS Division Outstanding Early Career Scientist was awarded to Claudia Mohr for her “*seminal contributions in instrument development and aerosol-source characterisation*”.

All AS Division members are very much encouraged to submit suggestions for the 2019 OECS award. For the 2019 nominations, the submission deadline is 15 June 2018. 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](http://www.egu.eu/awards-medals).

### 3.4 EGU OSPP award

There are two main targets with the OSPP awards that were handed out in 2017:

- 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-osp-p-award>.

For the AS Division, the OSPP contest coordinator is Prodromos Zanis. He has done an outstanding work but would now like to step down. The AS Division is looking for a new volunteer. In 2017, 190 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:

- **Camilla F. Brunello** “*Decadal record of monsoon dynamics in the High Himalayas-Tibetan plateau transition zone using tree ring data*”
- **Denise Assmann** “*Spatio-temporal aerosol particle distributions in the Upper Troposphere/Lowermost Stratosphere measured by the IAGOS-CARIBIC Observatory*”
- **Laura Suárez-Gutiérrez** “*Internal Variability in Simulated and Observed Tropical Tropospheric Temperature Trends*”
- **Stefanie Unterguggenberger** “*Investigating metals in the MLT using astronomical facilities*”
- **Thibaut Dauhut** “*An isentropic perspective of the atmospheric overturning induced by Hector the Convect*”
- **Yugen Li** “*Quantifying the relationship between visibility degradation and PM2.5 constituents at a suburban site in Hong Kong: Differentiating contributions from hydrophilic and hydrophobic organic compounds*”

For the 2018 competition, 198 applications have been submitted and referees have been assigned almost all candidates (up to 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 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](http://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 and Instagram are managed by Nando Iglesias Suarez.
- The EGU AS Blog managed by Dasaraden Mauree with input also from Thomas Webb

The EGU is very grateful to these members!

##### ***4.1 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](http://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

Since 2017, EGU has introduced a mentoring program during the GA. However, more mentors are needed as a number of mentees are currently without mentors!

##### ***4.2 EGU AS Division ECS representative***

The AS Division ECS representative has since two year back been Ali Hoshyaripour. Ali has now stepped down and Nando Iglesias Suarez is taking over as ECS representative while Ali will be the deputy. Nando and Ali encourage more AS ECS to be involved in different activities. If you are interested, please contact them by email ([ecs-as@egu.eu](mailto:ecs-as@egu.eu)).

#### **5. AS structure (needs approval)**

Athanasios Nenes was elected as new incoming AS Division president in 2019 during the elections in fall 2017. This means that he will start as a deputy president in 2018. Oksana Tarasova has been the previous deputy president and her work for the division is very much appreciated.

The following structure of the AS Division was suggested and approved:

<b>President</b>	Annica Ekman
<b>Deputy President</b>	Athanasios Nenes
<b>Science Officers</b>	Rune Grand Graversen <i>Meteorology</i>

	Hinrich Grothe <i>Atmospheric Chemistry and Aerosols</i>
	Jordi Vila <i>Boundary Layer Processes</i>
<b>Awards &amp; Medals</b>	Maria Kanakidou
<b>News</b>	Heiko Bozem
<b>Outreach &amp; Education</b>	Oksana Tarasova
<b>Division Liaison</b>	Yafang Cheng
<b>OSP Coordinator</b>	Prodromos Zanis
<b>Webmaster</b>	Heiko Bozem
<b>ECS Representative</b>	Nando Iglesias Suarez

## **8. Meetings, outreach, education and journals**

### ***8.1 EGU Topical events***

The EGU Topical Events committee 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 sponsored meetings. EGU is currently sponsoring:

- Conference series
- Training schools
- Galileo Conferences

There is one opportunity to get your training school sponsored: 1 Jun – 31 Jul 2018.

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.

EGU is currently sponsoring four conference series that cover a range of topics and divisions within the EGU. Two new conference series will be introduced during 2019-2020 to even better cover the full spectrum of EGU. These are:

- The Mary Anning conference: Biochemical processes in the Earth system
- The Angioletta Coradini conference: Solar System and Planetary Processes

A call for proposals for a conference within the two new domains will occur in June 2018.

## **8.2 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

## **8.3 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](http://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.

## **8.4 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, for more information contact her on: [policy@egu.eu](mailto:policy@egu.eu);  
Website: [www.egu.eu/policy](http://www.egu.eu/policy).

## **9. 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.

## **10. Any other business**

No additional items were brought up.