

WELCOME



<https://www.egu.eu/ps/home/>

Division Meeting of Planetary and Solar System Sciences (PS)

Stephen J. Mojzsis (PS, president 2021-2023)

24 May 2022

12:00-13:00 room F1



Meetings | Publications | Outreach | www.egu.eu

Order of business

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12:00-13:00 room F1



Meetings | Publications | Outreach | www.egu.eu

PS@EGU22: Business meeting agenda


- Welcome
- Introduction of the Science Team (2022-2023) and ECS cohort
- Introduction of the incoming PS president, Anezina Solomonidou (2023-2025).
- Facts and figures about EGU GA 2022
- Reminder: PS awardees and their public talks on Tuesday evening
- Reminder: Importance of the OSPP competition. Presentation of the OSPP Certificate winner for 2021
- Public comments
- Adjourn

Introduction of the PS president-elect

Anezina Solomonidou (2023-2025)

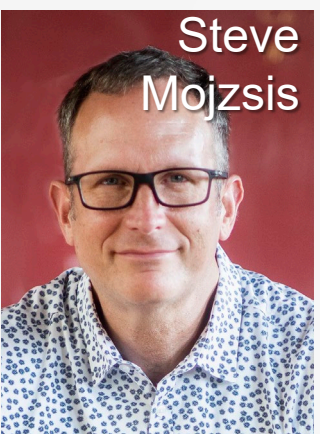


Meetings | Publications | Outreach | www.egu.eu



Your PS division *officers* 2022-2023+

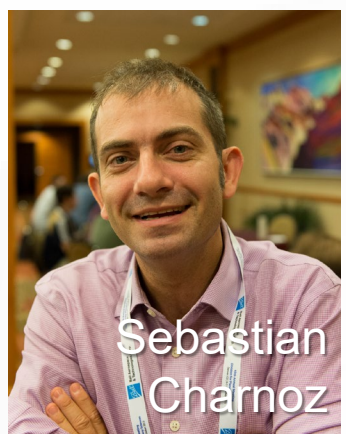
PS PLANETARY AND SOLAR SYSTEM SCIENCES



Steve Mojzsis
CSFK, Hungary
President (21-23)



Anezina Solomonidou
JPL-NASA, USA
President-elect (23-25)



Sebastian Charnoz
IPGP, France
Science Team



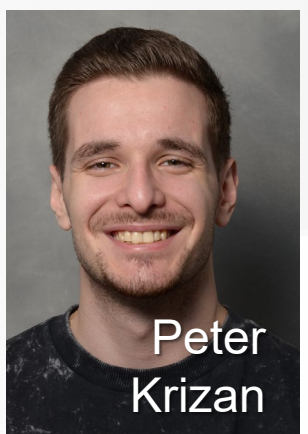
Tricia Clay
U Manchester, UK
Science Team



Gregor Golabek
BGI, Germany
Science Team



Tristan Guillot
OCA, France
Science Team



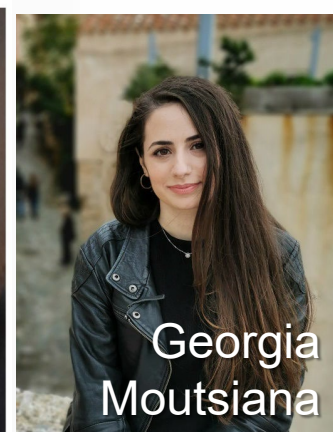
Peter Krizan
RHUL, UK
ECS outreach coordinator



Daniel Kitzmann
UniBern, CH
Science Team



Ingrid Mann
UiT, Norway
Science Team



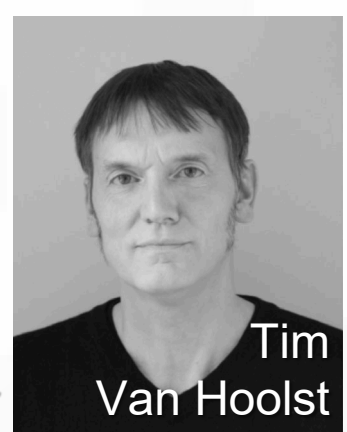
Georgia Moutsiana
UoA, Greece
ECS representative



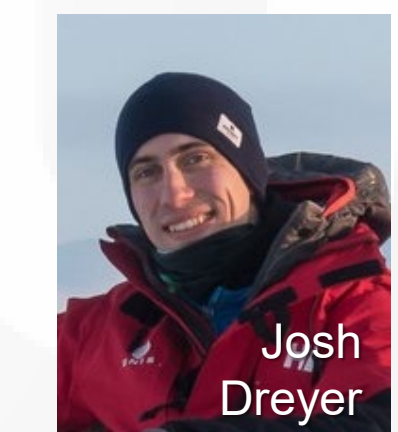
Lena Noack
F-UB, Germany
Science Team



Sarah Rugheimer
U Oxford, UK
Science Team



Tim Van Hoolst
KUL, Belgium
Awards Committee Chair



Josh Dreyer
IRF, Sweden
ECS advisor

Special thanks to our emeritus Science Officers

PS PLANETARY AND SOLAR SYSTEM SCIENCES



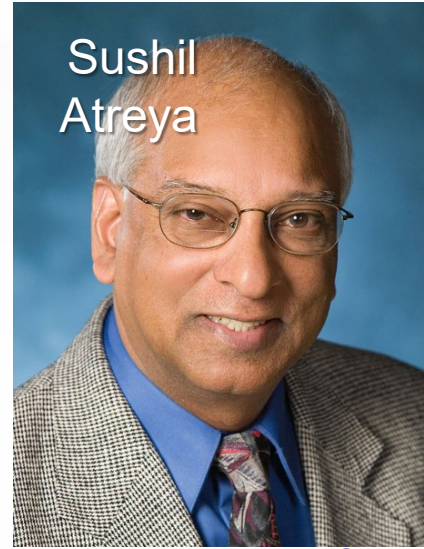
Stephanie
Werner

UiO, Norway
Past-president



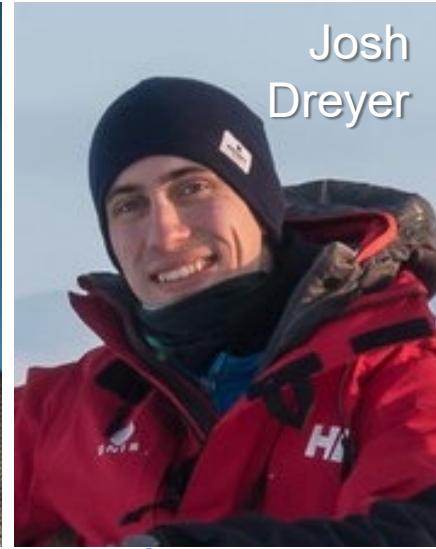
Jessica
Flahaut

CRPG-Nancy, France
Science Team



Sushil
Atreya

Univ. Michigan, USA
Awards Committee



Josh
Dreyer

IRF, Sweden
ECS representative



Olivier
Mousis

LAM, France
Science Team (pre-2021)



John Lee
Grenfell

ZAA, TU-Berlin, Germany
Science Team (pre-2021)

We are very grateful for your service to our division.

Thank you!



President

Stephen J. Mojzsis (2021-2023)

Deputy President

Anezina Solomonidou (2023-2025)

PS Programme Group Chair

Stephen J. Mojzsis

Science Officers

Ingrid Mann

Small Bodies (dwarf planets, asteroids, comets) to Dust

Patricia Clay

Meteorites, Planetary Geochemistry

Tristan Guillot

Giant Planets, Outer Solar System

Gregor Golabek

Terrestrial Planets Systems

Sebastian Charnoz

Terrestrial Planets Systems

Daniel Kitzmann

(Exo)planet Atmospheres

Sarah Rugheimer

Astrobiology

Runcorn-Florensky Medal Chair Tim Van Hoolst
David Bates Medal Chair

OSPP Coordinator

Lena Noack

ECS Representative

Georgia Moutsiana

ECS Outreach Coordinator

Peter Krizan

ECS Advisor

Joshua Dryer

Webmaster

TBN

PS Early Career Scientists

- » Outgoing ECS representative (2020-2022):

Joshua Dreyer, Swedish Institute of Space Physics, Uppsala, Sweden

- » Incoming ECS representative:

Georgia Moutsiana, National and Kapodistrian University of Athens, Department of Physics, Athens, Greece

- » Incoming ECS outreach coordinator:

Peter Krizan, Royal Holloway University of London, UK

- » Plan for next year:

- Reactivate PS social media (we have a new social media coordinator, Peter Krizan!)
- currently no access to our Twitter, sent request to support
- Restart the PS blog
- Organize a short course at EGU22

- » Please get in touch if you would like to get involved (in any capacity)! -> ecs-ps@egu.eu

EGU22 Artists in Residence

Kelly Stanford
digital artist
and science
communicator

(virtual
participation)



Jakub Stepanovic
mixed media
artist

(on-site
participation)



Partner journal for PS

 OPEN ACCESS  ARTICLE LEVEL METRICS  MODERATE ARTICLE PROCESSING CHARGES

Editors-in-chief: Ioannis A. Daglis, Christoph Jacobi & Ingrid Mann

Editorial Board

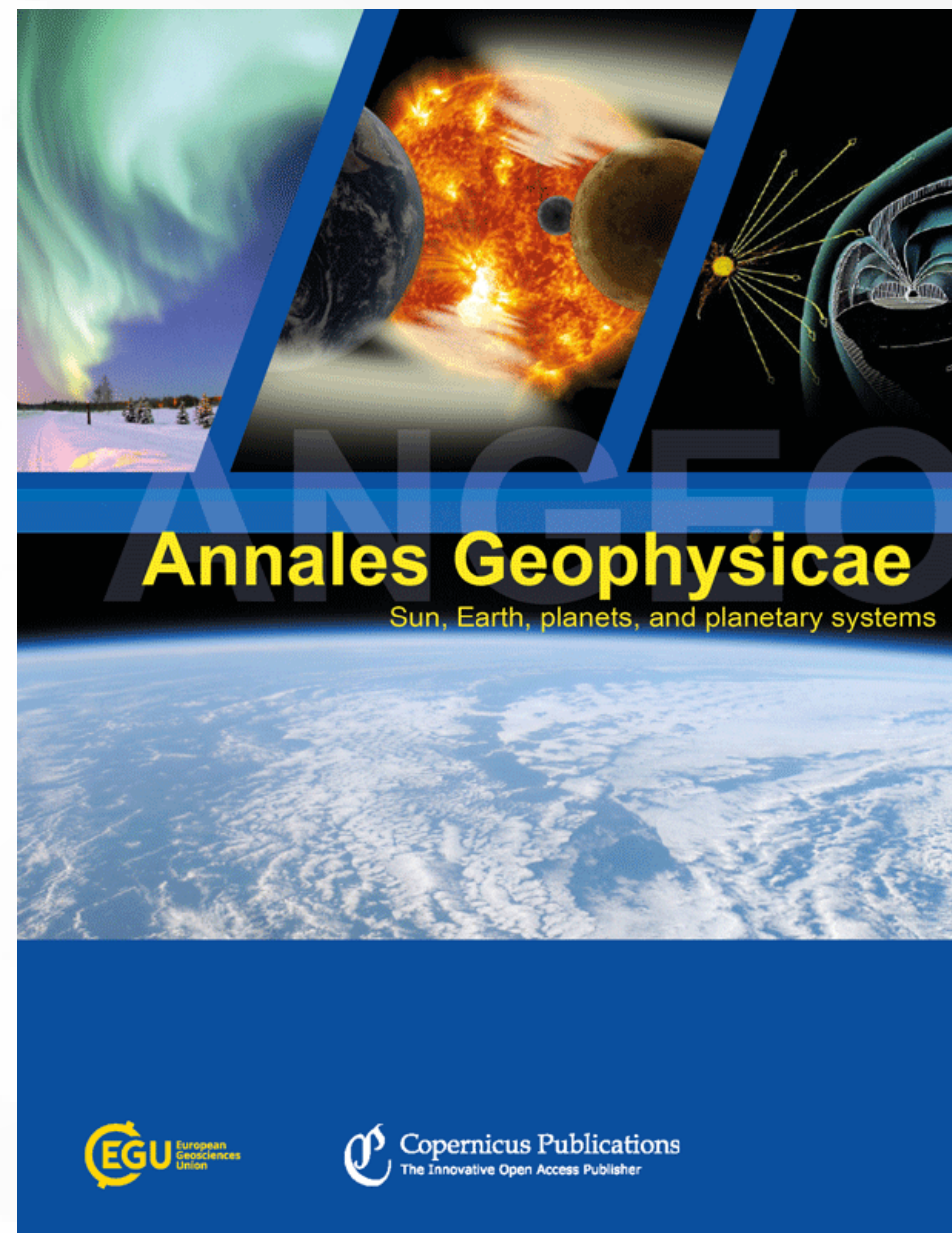
Discussion on the perspective of Special Issues

The solicitation of Special Issues (Sis) is strongly encouraged as a means to increase paper submissions. SIs may be organized in connection to workshops, conferences or EGU Assembly sessions. Furthermore, AnGeo topical editors may team up with “external” colleagues who would be interested in acting as guest editors, and jointly propose and organize SIs focusing on important current topics.

AnGeo is considering special conditions for Special Issues to motivate participation.

Recommendations include:

- o Reduced APCs
- o Certain percentage of free-of-charge papers
- o Fast-track processing

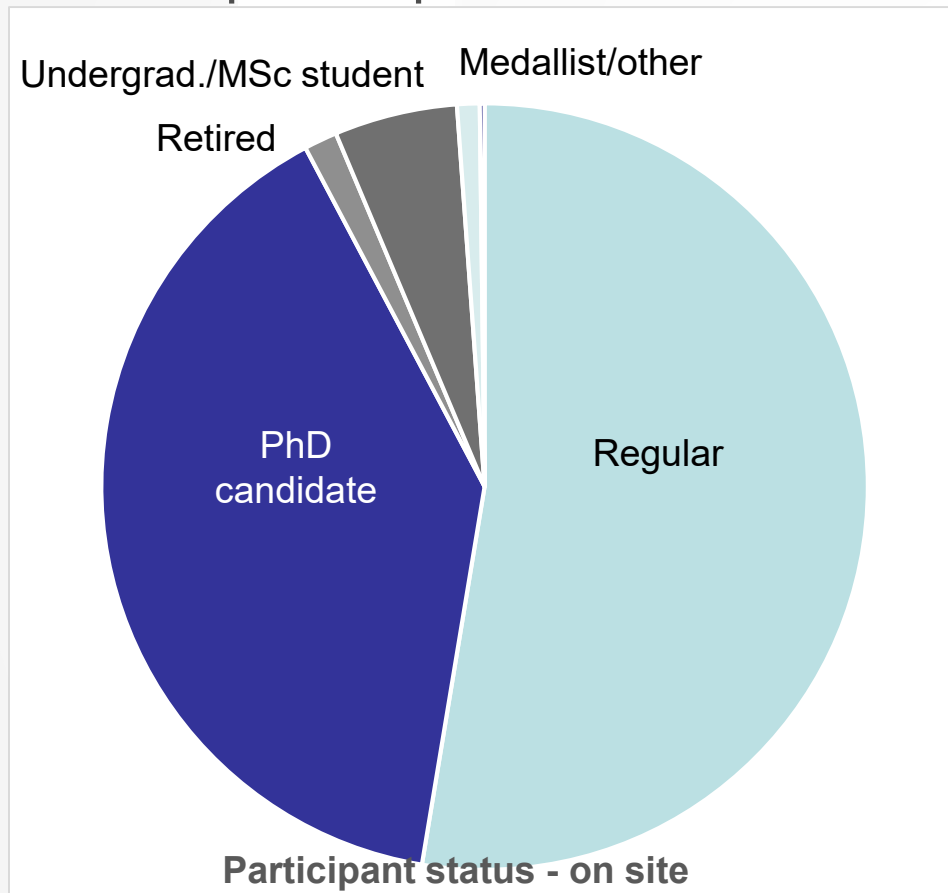


EGU22: Sessions and Abstracts, Schedule

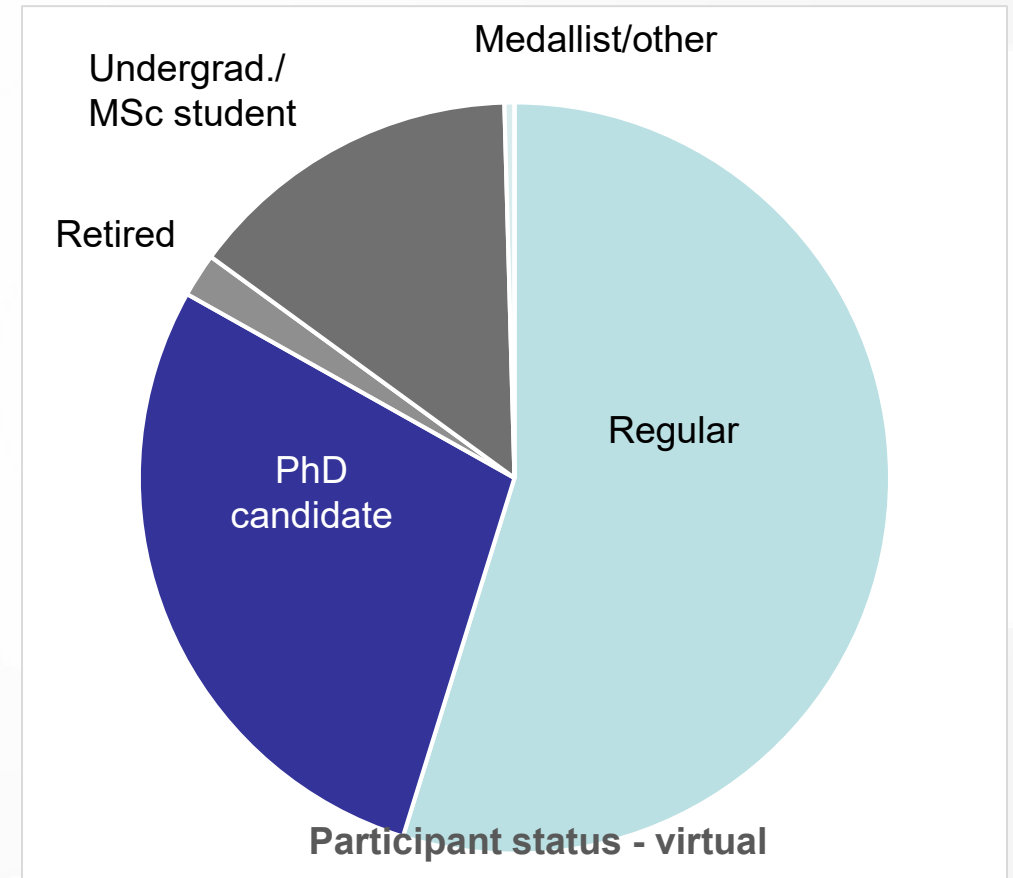
- 12,423 active abstracts in programme | -9% relative to 2021
- 777 active sessions | 614 short-oral sessions | 54 Short Courses | 35 Medal and Award Lectures
- 4 Union Symposia, 6 Great Debates
- 65 Networking and Community Events (excluding pop-ups), Townhall Meetings, Side Events, Splinter Meetings
- EGU Plenary 23 May 12:00 CEST (Room E1)
- Medal & Award celebration 25 May 17:30 CEST (Room E1)

EGU22: Registration numbers and breakdown

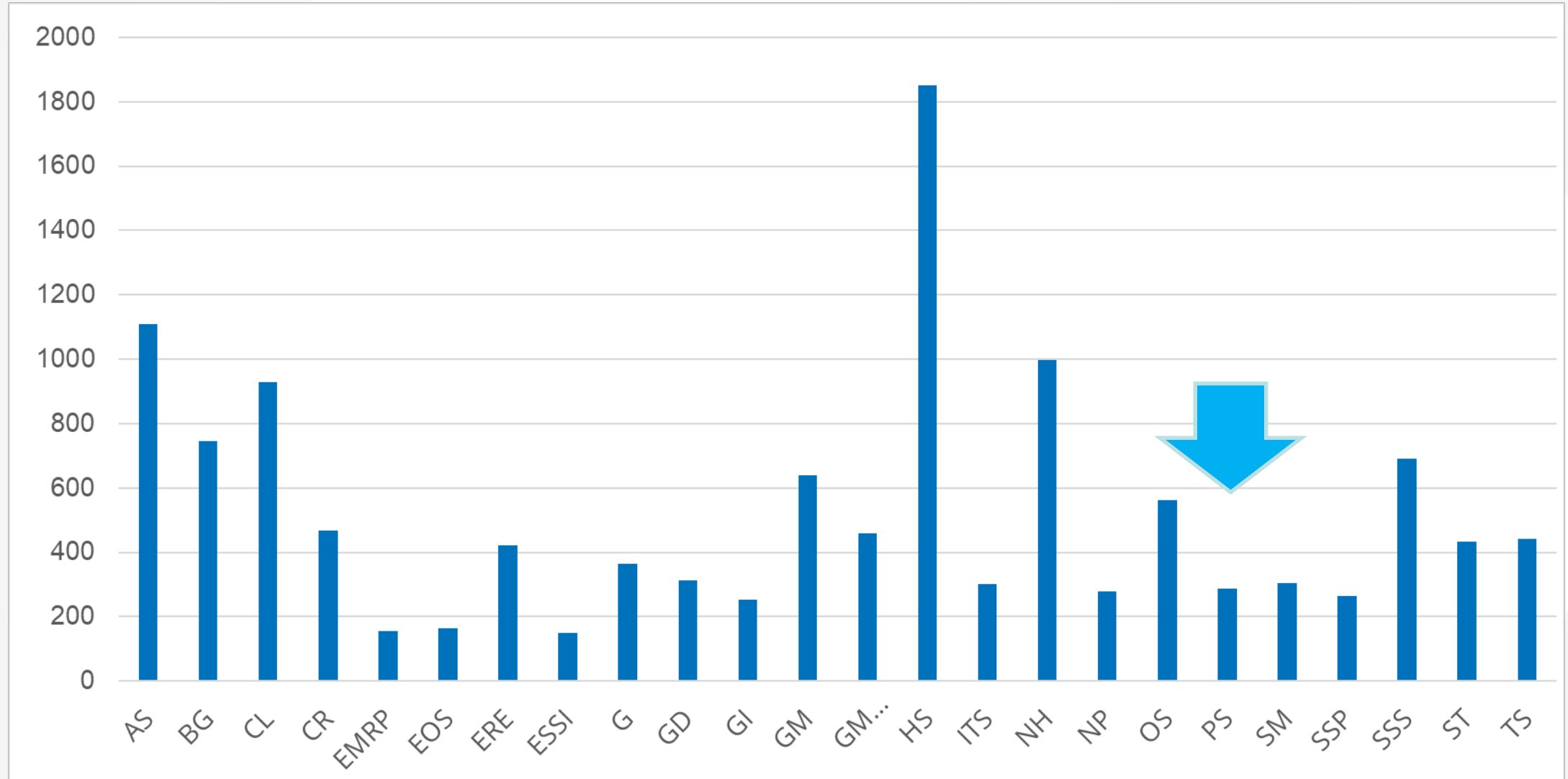
- 7307 on-site registrations
- On-site participants: 88 countries



- 5904 virtual registrations (22/05 15:00)
- Virtual participants: 113 countries



EGU22: Abstracts per Programme Group



EGU Membership as of 13.05.2022

- 14,988 members (9.135 ECS)
- Gender balance: 60.1% male | 37.1% female | 0.3% non-binary | 2.5% prefer not to say

Early-Career Scientist Events at EGU22

- 42 Short courses
 - 30 Short courses ECS as lead-convener
- 3 Networking and pop-up events led by and aimed at ECS
- 32 Great Debates led by ECS
- Jobs and Career Center initiatives
 - Blogs
 - Short courses
 - Networking events
 - Pop-up events
- Outreach
 - Introducing ECS Reps via EGU Blog
 - Blogs and Social Media blurbs about ECS-events

Equality, Diversity and Inclusion (EDI) at EGU22

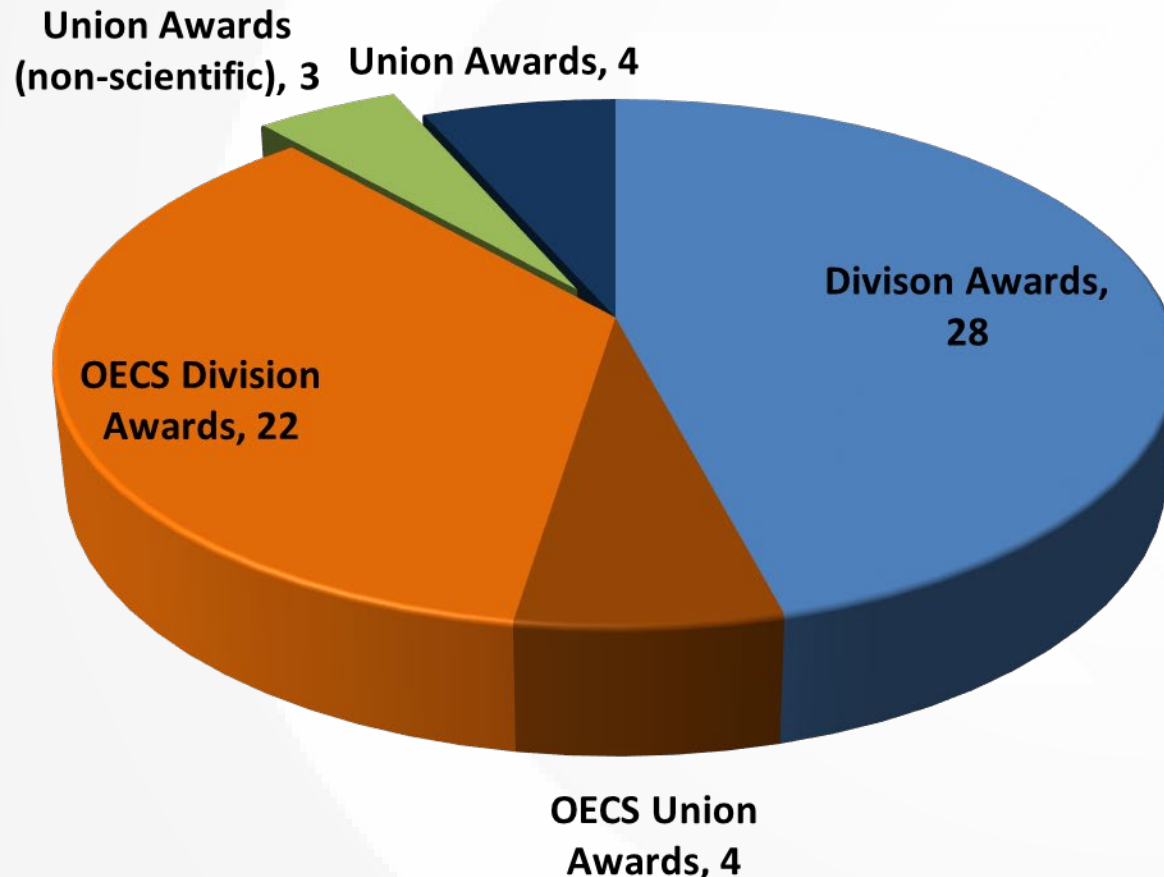
- **NET1** "The Leadership" – directed by Ili Baré film screening | 23 - 30 May
- **US1** Changing the Faces of Leadership at the Geoscience - Policy Interface | 26 May 15:10–16:40 CEST
- **US3** The future of (geo)scientific conferences | 24 May 13:20–16:40 CEST
- **US4** Scientific neo-colonialism: what is it and why should you care? | 24 May 17:00–18:30 CEST
- **GDB1** Towards an academic evaluation system that celebrates diversity of talent | 23 May, 10:20–11:50 CEST
- **EOS3.1** Promoting and supporting equality, diversity and inclusion in the geosciences | 24 May 08:30–10:00 CEST
- **SC2.5** ADVANCEGeo Workshop - Strategies for Improving Workplace Climate in the Geosciences | 24 May 13:20 – 14:50 CEST
- EDI Networking Event | 26 May, 19:00–20:00 CEST
- EGUpride icebreaker | 22 May, 19:00–21:00 CEST and EGUpride networking | 26 May, 18:00–19:00 CEST
- Did This Really Happen (DTRH) comics and EGU colouring book (part 2!)
- EDI Booth.... AND MORE!

EGU22 outreach activities

- **EGU Public Lecture:** “Geothermie - Energie aus der Tiefe” (Geothermy - energy from the depths) by Maria-Theresia Apoloner | Zentralanst. f. Meteorologie und Geodynamik (ZAMG) - 24 May 18:00 at the Austrian Academy of Sciences and online.
- **EGU Mentoring:** 48 mentees for 20 mentors applications.
- **Croome award lecture** by Robin George Andrews 24 May 19:00 CEST Room E1
- **Teaching/scientist pairing scheme**



EGU features an extensive awards and medals programme on all career stages



Awards

- Four prestigious Union medals, recognising excellence in scientific research
- Four Union awards for Outstanding Early Career Scientists, services for the Union, science journalism, and outreach
- 28 division medals, awarded for significant disciplinary contributions in Earth, planetary and space sciences
- 22 division awards for Outstanding Early Career Scientists and General Assembly awards for students

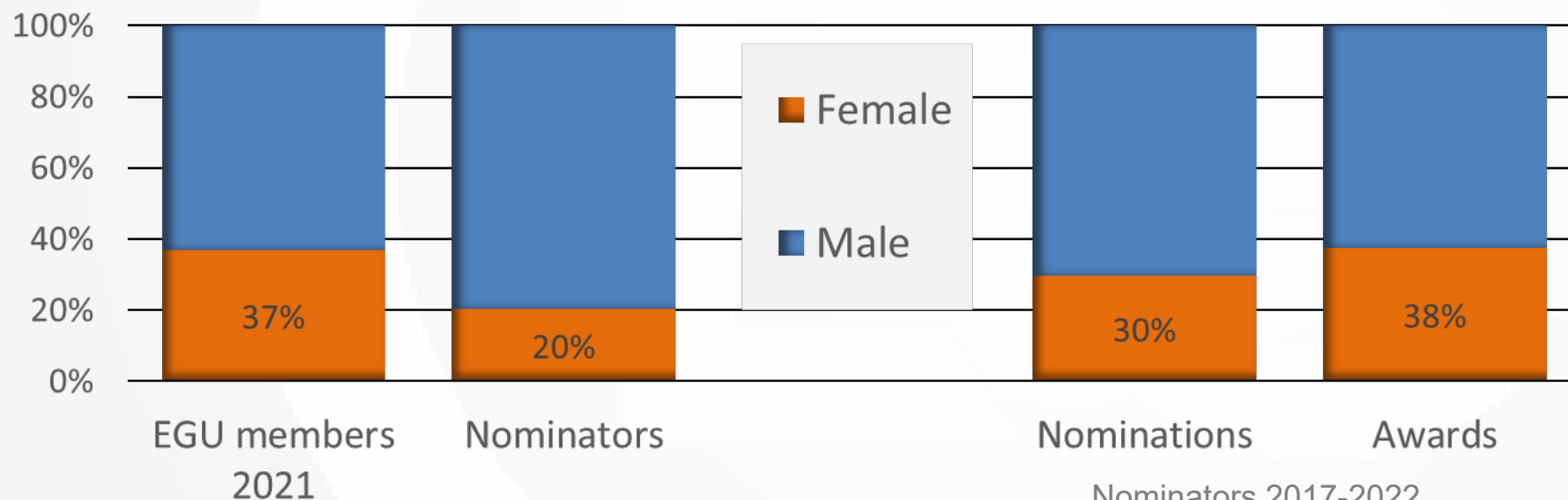


- » **Nominations are exclusively by EGU members*** while candidates do not need to be EGU members. (*An exception is one award to promote excellence in journalism allowing nominations from non-members and self nominations)
- » Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on scientific achievements**. (**plus one medals each for journalism, outreach and service to the union)

EGU awards & medals

- **All** members are strongly encouraged to contribute to the awards program by nominating suitable candidates.
- When nominating please think about people who may have been overlooked in your discipline.
- If you do not nominate nobody will.

Members, Nominators, Nominees, and Awardees



Nominators 2017-2022
Nominations and Awards 2018-2022

EGU22-1087 * |
Presentations | [EOS3.1](#) |
Highlight
[Equality of opportunities in geosciences: The EGU Awards Committee experience](#)

Thomas Blunier
EGU awards committee chair
Wed, 25 May, 10:34–
10:41 Room 1.14



How to nominate

Where: <https://www.egu.eu/awards-medals/nominations/>

When: Deadline is **June 15 every year**

What is required:

	Division and Union medals	Outstanding Early Career Scientists Awards
Nomination letter	1 page	½ page
Curriculum Vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letters	3-5 (maximum 1 page each)	-

EGU22 Survey

- Distribution:
 - via email to participants and EGU members after EGU22
 - links on social media & blog
 - egu22.eu website
- Survey live during EGU22 and until end of June

 <https://www.egu22.eu/feedback>





European
Geosciences
Union

EGUsphere - The EGU interactive community platform

- EGUsphere, the not-for-profit open access preprint repository of the European Geosciences Union (EGU).
- Inclusive | Transparent | Interactive
- Find out how to post your conference abstract, presentation, or journal preprint in the Earth, space, and planetary sciences!

VISIT: <https://www.egusphere.net/>



- ***Why did you change the date of EGU22 from early April to late May?***

This decision was made in January at the beginning of the omicron wave. There was considerable anxiety within the community about attending an in-person event in these conditions. Moreover, Austria limited the maximum event size to 2000 seated people (and even less standing), with no indication of when that rule would be relaxed.

Under these conditions, when the ACV proposed an alternative date (due to the cancellation of another conference) we decided to do this, in order to maximise the chance of having an in-person component to EGU22

- ***Will the date of the General Assembly change again in future?***

This was the first time in the history of the EGU General Assembly that we have had to change the date and we sincerely hope it will be the last!

We are currently not announcing the date of the the 2023 General Assembly because we are still discussing with the ACV. Originally it was planned for early April but we hope to find again a date in May so as to be more resilient with regards to possible new Covid infection waves.

- ***Why are there no posters or PICOs this year?***

We originally had to provide a hygiene plan to the Austrian authorities. Including posters and PICOs in the programme appeared as a major risk in getting the plan approved.

Large numbers of non-seated people mixing in closed spaces are viewed as too much of a risk to our attendee's health, safety and well-being in the current pandemic situation.

- ***Austria relaxed the Covid regulations. Why are you maintaining the 2G and mask requirements?***

The Austrian authorities announced the relaxation of the regulations after our deadline for on-site registration. Due to the requirements of our conference hygiene plan, it was not possible to re-open the registration. We felt that participants had signed up for an in-person event under certain conditions and we did not want to modify this after participants had registered. The health and safety of all participants is our primary concern. In addition, we were advised to maintain a 2G conference given the unpredictable nature of regulation changes.

Planetary and Solar System Sciences Awardees & Public Talks

Gregory J. Hunt

2022

Division Outstanding Early Career Scientist Award

The 2022 Division Outstanding Early Career Scientist Award is awarded to Gregory J. Hunt for outstanding research on the magnetic signatures associated with large-scale current systems within Saturn's magnetosphere, with special emphasis on aurorae and periodicities.



Planetary and Solar System Sciences Awardees & Public Talks

Emma J. Bunce

2022

David Bates Medal

The 2022 David Bates Medal is awarded to Emma J. Bunce for exceptional contributions to the study of the magnetospheres of Jupiter and Saturn, mentoring of students and early career scientists, and public outreach activities.



www.egu.eu/awards-medals/david-bates/2022/emma-j-bunce/



OSPP

**Outstanding Student and PhD
candidate Presentation contest**

OSPP coordinator: Lena Noack

OSP

Gloria Tognon

2022

OSP award in PS

The 2021 Virtual Outstanding Student and PhD candidate Presentation (vOSP) Award is awarded to Gloria Tognon for the poster/PICO entitled:

Detailed age determinations for Tsiolkovskiy crater floor
(Tognon, G.; Ferrari, S.; Pozzobon, R.; Massironi, M.)



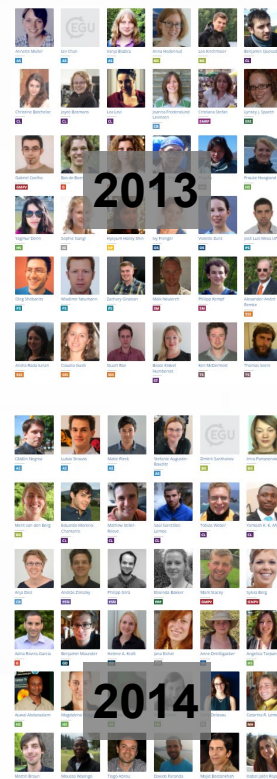
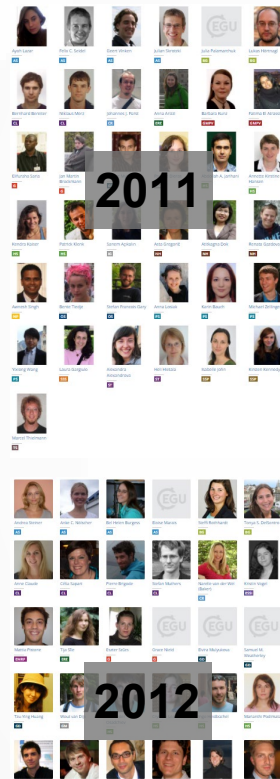
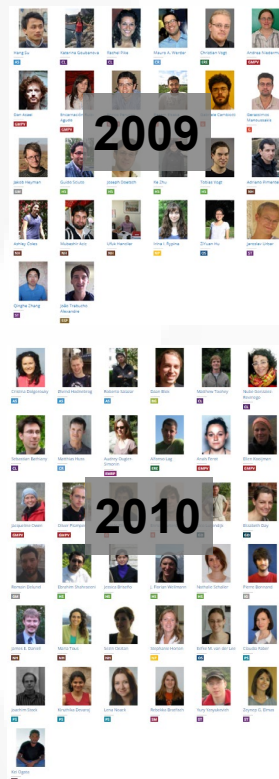
Gloria Tognon is a PhD student at the Center of Studies and Activities for Space «G. Colombo», University of Padua (Italy). Her research aims at realizing multi-informative planetary geological maps at the large and small scale respectively for Mercury and the Moon. For the EGU general assembly 2021, Gloria presented a poster displaying age measurement results derived from different areas selected on the basaltic infilling of the lunar far side Tsiolkovskiy crater. The crater size-frequency distributions measurements allowed to discriminate distinct age ranges well ascribable to the different Clementine-based spectral units identified for the crater floor and thus enabled to reconstruct the succession of events of lava emplacement.





OSPP: Outstanding Student and PhD candidate Presentation contest

Organized since 2003 (first in HS division, since 2008 union-wide)



2022:
>2800 participants

- 1 out of ~30 participants selected (~2000 participants)
- coordinated in each division

OSPP: Outstanding Student and PhD candidate Presentation contest

What is evaluated?

- scientific content (relevance, methods, ...)
- presentation (organization, aesthetic appeal, ability to answer questions, ...)

Who votes?

- 3 pre-defined judges per participating presentation
- ALL EGU participants (from post-doc level on, not co-author, no shared affiliation) can vote as well on abstract page!

WE NEED YOU!!!

Who can participate?

- first and presenting author
- either currently a BSc or MSc student or PhD candidate
- or last degree obtained in year of GA

Why participate?

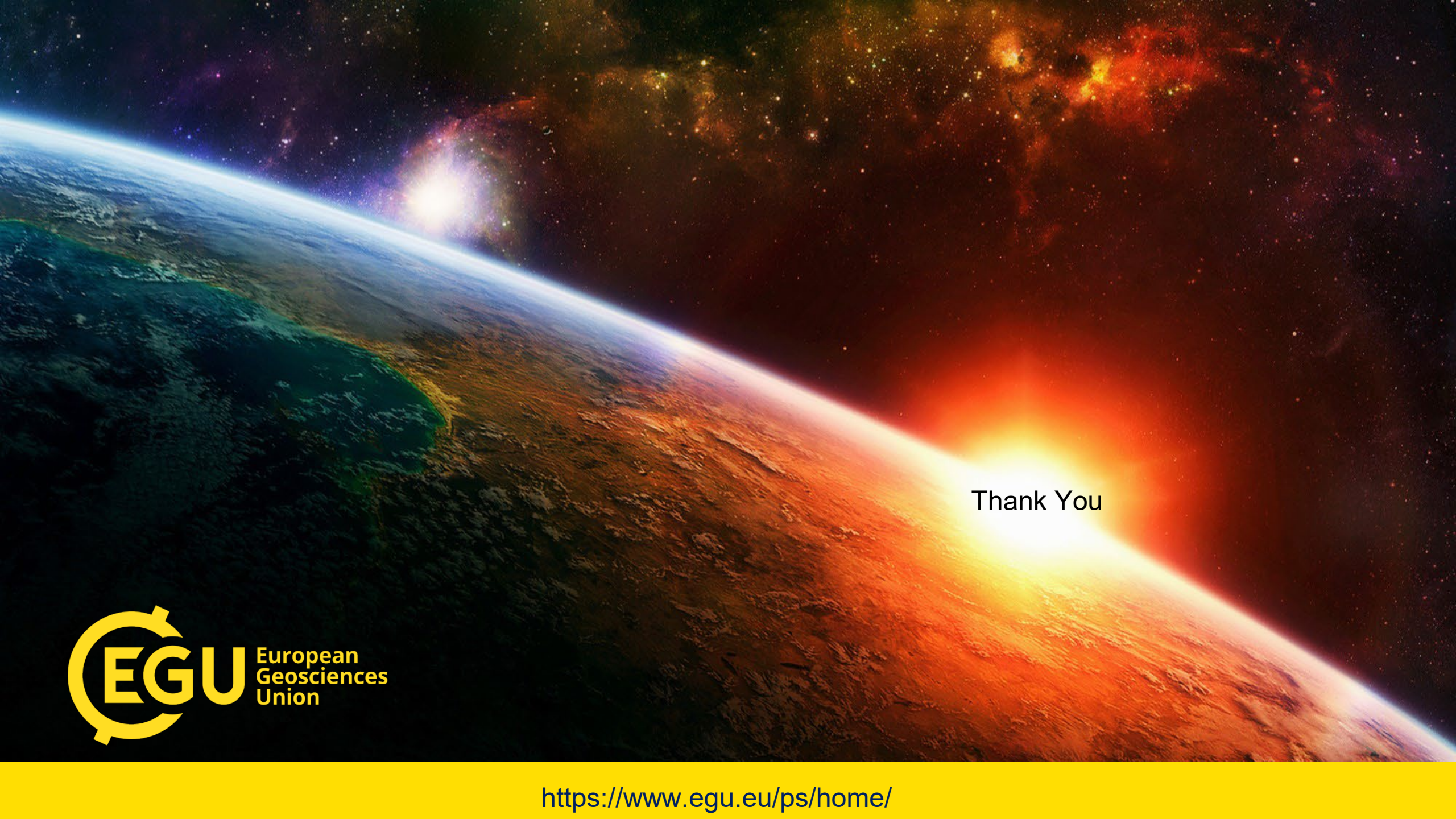
- Better visibility for your research
- Award certificate and ceremony
- Free open-access publication in one of the EGU journals
- Conference fee waiver for next EGU



Public Comments Invited



<https://www.egu.eu/ps/home/>



Thank You

