

EGU 2025

Solar-Terrestrial Sciences (ST)

Division Meeting

Alexis Rouillard

30 April 2025, 12:45–13:45 (Room N2)



Meetings | Publications | Outreach | www.egu.eu

AGENDA

1. Approval of the 2024 minutes
2. Awards and Medals 2025
3. Medal Committees
4. OSPP 2025
5. ST Division Organization and Officers
6. ST Early Career Scientist Activities
7. ST Education and Public Outreach Update
8. ANGEO Update
9. 2025 GA/ST Scientific Programme
10. EGU 2026 and the Future
11. Any Other Business

1. Acceptance of the minutes of the ST Division Meeting 2024

<https://www.egu.eu/st/reports/>

and this year's Meeting Agenda

2. Awards and Medals 2025

2025 Julius Bartels Medal

Richard Horne

The 2025 Julius Medal is awarded to Richard Horne for his outstanding work on understanding the acceleration and transport processes of charged particles in the inner magnetosphere, the formation of the radiation belts and their space weather effects.

‘Electron Acceleration by Wave-Particle Interactions at the Earth and Magnetised Planets’

Tuesday 29 April 17:25-17:55, Room E2



Richard Horne
Professor
British Antarctic Survey

2025 Division Outstanding Early Career Scientist Award

Karin Dissauer

The 2025 Division Outstanding Early Career Scientist Award to Karin Dissauer for her outstanding research in solar and extra-solar space weather research.

***‘Footprints of Giants – Exploring Early
Diagnostics of Coronal Mass Ejections Through
Coronal Dimmings’***

Thursday 1 May 08:35-08:50, Room L1



Karin Dissauer
NorthWest Research
Associates, Boulder

Invitation for Nominations for Awards and Medals

The community is urged to send in suggestions!

Deadline **15 June 2025** - <https://www.egu.eu/awards-medals/nominations/>

Division level:

- **Early career scientists:** Division Outstanding Early Career Scientists (ECS) Awards
- **Mid-career scientists:** 1) **Hannes Alfvén (2026, 2028, ...)**, 2) Julius Bartels (2027, 2029, ...)

Union level:

- **Arne Richter Outstanding ECS award** (best nomination from the division award recommended here)
- **Jean Dominique Cassini Medal:** senior scientist

<https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates/>

	Divion & Union medals	ECS awards
Nomination letter	1 page	½ page
Curriculum vitae	2 pages	1 page
Selected bibliography	2 pages	½ page
Supporting letter	3-5 (max 1 page)	

early career: highest degree received since max 7 years*

mid-career: before retirement

senior: exceptional international standing in planetary and space sciences, before or after the retirement

Nominators must be EGU members, no self-nominations

*<https://www.egu.eu/awards-medals/ecs-definition/>

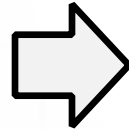
EGU

3. Medal Committees

Hannes Alfvén Medal Committee 2025

Current committee

- Margit Haberreiter (CHAIR)
- David j. McComas
- Janet Luhmann
- Sandra Chapman
- Daniel Baker*



Proposed 2025 committee

- Margit Haberreiter (CHAIR)
- David j. McComas
- Janet Luhmann
- Sandra Chapman
- Mateja Dumbovic

*served already maximum of 4 rounds

APPROVAL

4. Outstanding Student Poster and PICO (OSPP) Award

OSPP rules & statistics

- Normally awarded for PICO or poster presentations
- Candidates must be
 - first and presenting authors of the presentation
 - currently a BSc or MSc student or PhD candidate, or obtained their degree after the 1 January 2025

We need more judges!

Thanks to the conveners and judges for making this possible!

OSPP 2024 winners

The 2024 Outstanding Student and PhD candidate Presentation (OSPP) Award is awarded to Leonard Schulz



Leonard Schulz

Doctoral Candidate at Institute of Geophysics and
Extraterrestrial Physics at Technische Universität
Braunschweig

“Capabilities of the wave telescope for multi-scale
spacecraft configurations using a Vlasiator
simulation”

5. ST Division Organisation and Officers

Solar-Terrestrial (ST) Division President

Alexis Rouillard

For the period 2025-2027



ST Division Out-going President

Emilia Kilpua 2025-2026



ST Structure and EGU principles

- Division Officers are appointed by the Division President and approved in the Division Meetings
- Programme Group Chair (Division President) Alexis Rouillard until 2027

ST Scientific Officers

- **ST1 The Sun and Heliosphere**

‘Solar Physics’: Manuela Temmer: confirmed

‘Heliosphere’: Olga Malandraki: confirmed

- **ST2 Magnetosphere:**

Yulia Bogdanova: confirmed

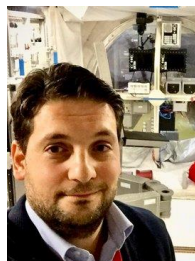
- **ST3 Ionosphere and Thermosphere:**

Dalia Buresova: confirmed

- **ST4 Space Weather:**

Guram Kervalishvili: confirmed

Emilia Kilpua: confirmed



APPROVAL

Thank you all for your active involvement in shaping the EGU Programme!

ST Liaison Officers

- **Publications**

Liliana Macotela : confirmed



- **OSPP Coordinator**

Veera Juntunen: confirmed



- **Early Career Scientist (ECS) Representative**

Andreas Wagner: confirmed



- **News, Media, Education & Public Outreach, Webmaster**

Liliana Macotela : confirmed



- **Scientific Affairs, Foreign Affairs, Division Liaison**

Alexis Rouillard: confirmed



APPROVAL

6. ST Early Career Scientist (ECS) Activities

Andreas Wagner
ST-ECS Representative

<http://www.egu.eu/ecs/>

ST Early Career Scientist (ECS) Activities

Andreas Wagner

**On behalf of the ST-ECS Representative (2023–2025):
Liliana Macotela**

<http://www.egu.eu/ecs/>

ST ECS Team: 2024 - 2025

ST ECS Rep



Liliana Macotela
Senior Researcher
Norwegian Research Centre
Norway



Chaitanya Sishtla
Postdoc
Queen Mary U.
UK



Juliana Jaen
Postdoc
U. of Bath
UK



Andreas Wagner
PhD student
U. of Helsinki
Finland



Mrityika Ghosh
PhD Student
Charles University
Czechia

ST ECS Co-Rep



Veronika Haberle
Conrad Observatory
GeoSphere Austria
Austria



Chukwuma Anoruo
PhD student
U. do Vale do Paraiba
Brazil



Shreedevi P. R.
Postdoc
U. of Nagoya (ISEE)
Japan



Ezgi Gülay
PhD student
U. of Helsinki
Finland

Mission

- *The ST ECS Team organises events and activities with and for ECS, both during the EGU GA and throughout the year. Its aim is to increase the **visibility** of ECS and provide them with opportunities for **networking***
- *As part of the ECS Rep Team, we are keen on developing ECS **collaboration** opportunities not only within the division but also with other divisions*

What we have done since the last GA

Campfires: online events

Autumn 2024



~40 participants

Spring 2025



~60 participants

The number attendees rised from ~10 to ~60

What we have done since the last GA

Getting feedback from the ECS community



The most voted one was: How to select collaborators

What we have done since the last GA

Early Career Scientist Reps - teamwork with the Union ECS Rep

Initiatives

- **ECS Rep tasks groups**
- Integration with EGU Committees
- Skill-Building WS
- Community Drives
- Pre-GA Planner WS
- GA Activities:
 - Short courses
 - Great debates
 - Networking



Activities during EGU GA

ST ECS Drinks: icebreaker

Sun, 27. 15:00 – 18:00 hr.



Picture of 2024. Foto: E. Avestari

ST ECS Lunch-Picnic

Mon, 28. 12:30 – 13:45 hr.



Picture of 2024. Foto: E. Avestari

Activities during EGU GA

Meet the ST ECS Team @EGU booth



Picture of 2025: Photo: A. Wagner

ST ECS Lunch-Picnic 2025 edition: Monday 28 April



Picture of 2025: Photo: A. Wagner

Activities during EGU GA

ST ECS Dinner

Wed, 30. 18:15 – 21:30 hr.

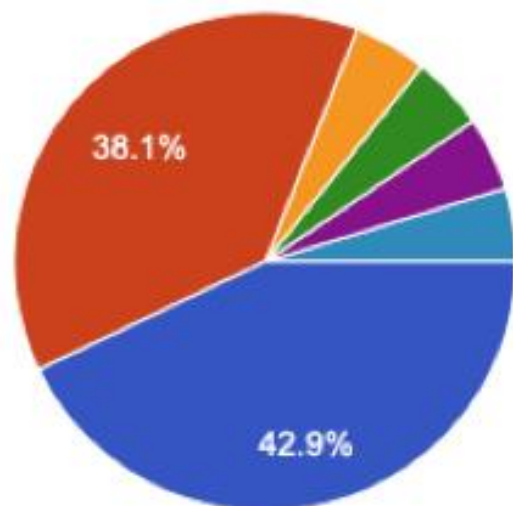
Networking activates
at the beginning of
the week help to build
bonds between ECS



Picture of 2024. Foto: V. Haberle

Outreach and Communication

Channels used



- From a colleague
- From an email newsletter
- From the EGU ST Division blog / EGU Website
- From the Slack ST-ECS channel
- From the EGU email newsletter
- email sent to MIST (UK community) mailing list

We publish blog posts during the year

ST-Early Career Scientist team 2024-2025

Authored by Liliana Macotela, and edited by Shreedevi P. R. - March 9, 2025



We are a group of Early Career Scientists (ECSs) from the Solar-Terrestrial (ST) division, dedicated to organizing events and activities for ST-ECSs both during the EGU General Assembly and throughout the year. Our goal is to enhance ECS visibility and create valuable networking opportunities. Currently the team is formed by: Dr. Liliana Macotela, ECS Representative Liliana is a seni ... [\[Read More\]](#)

ST-ECS Networking Campfire: "How to Successfully Apply for Fellowships"

Authored by Geetashree Kakoti, and Edited by Shreedevi P.R. - March 9, 2025



Securing a research fellowship is a major milestone for early-career scientists, providing not only financial support but also access to cutting-edge facilities, valuable collaborations, and opportunities for independent research. However, standing out in the competitive world of research funding requires mastering the art of grant writing and proposal crafting. To help young scientists navigate t ... [\[Read More\]](#)

Pop-up networking events during GA

ECS Picnic/Meet the Experts (ST Division) ▶

Join the Solar Terrestrial (ST) Early Career Scientists (ECS) community for an informal lunch to get to know your fellows, network, get tips for a successful week, and mingle with some experts. In case of good weather, the picnic will be at Donaupark, close to the conference centre. In case of bad weather, the picnic is tentatively planned to take place at Terrace G. In any case we will meet at the X4 foyer at 12:30 where you can identify us by a sign. Please be on time and remember to bring your own lunch.

Please note: This event is not being held in the Austria Centre Vienna (ACV), but is being held at an off-site location chosen by the event organisers. Copernicus Meetings and EGU cannot accept any liability for networking events held outside the Austria Centre Vienna.

Organized by Andreas Wagner | Co-organized by: Shreedevi P. R., Geetashree Kakoti, Chaitanya Sishtla, Ezgi Gülay

Location: Donaupark

Mon, 28 Apr, 12:30-13:45 CEST [📅](#)

Tags: Social, Division event, Early Career Scientist (ECS), Networking

ST ECS Team: 2025 - 2026



**ST ECS
Rep**

Andreas Wagner
PhD student
U. of Helsinki
Finland



**ST ECS
Co-Rep**

Geetashree Kakoti
U. of Nagoya (ISEE)
Japan



Chaitanya Sishtla
Postdoc
Queen Mary U.
UK



Juliana Jaen
Postdoc
U. of Bath
UK



Shreedevi P. R.
Postdoc
U. of Nagoya (ISEE)
Japan



Mrittika Ghosh
PhD Student
Charles University
Czechia



Ezgi Gülay
PhD student
U. of Helsinki
Finland

Plans for the upcoming year

- At least 2 online events (campfire or webinar)
 - Autumn 2025
 - Spring 2026
- EGU26 activities

ST ECS Team: 2025 - 2026



**ST ECS
Rep**

Andreas Wagner
PhD student
U. of Helsinki
Finland



**ST ECS
Co-Rep**

Geetashree Kakoti
U. of Nagoya (ISEE)
Japan



Chanya Sis
Postdoc
Queen Mary U.
UK



Jana Jaen
Postdoc
U. of Baath
UK



Shreedevi P. R.
Postdoc
U. of Nagoya (ISEE)
Japan



Mritika Gosh
PhD student
Charles University
Czechia



Ezgi Gülay
PhD student
U. of Helsinki
Finland

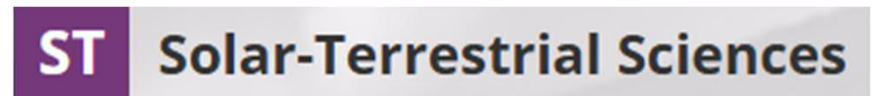
Plans for the upcoming year

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 - Autumn 2025
 - Spring 2026
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7. ST Education and Public Outreach

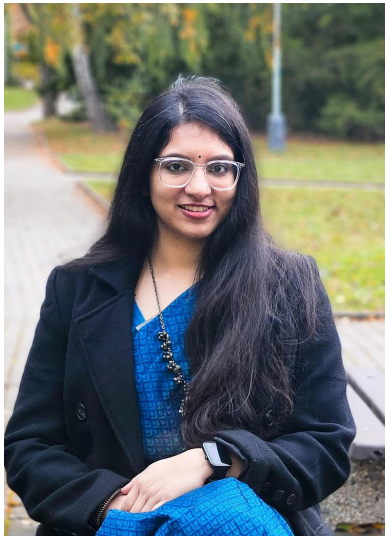
Eleanna Asvestari

EGU ST division communications & outreach team



THE TEAM

Officer for News,
Media, Education
Public Outreach and
publications



Mrittika Ghosh
PhD student
Charles University,
Czechia



Shreedevi P. R.
Postdoc University
of Nagoya, Japan



Liliana Macotela
senior researcher
at the Norwegian
Research Centre in
Tromsø, Norway



Ezgi Gülay
PhD student
University of
Helsinki, Finland



Guram Kervalishvili
GFZ Helmholtz
Centre for
Geosciences,
Potsdam, Germany

THANK YOU TO DEPARTING MEMBERS



Eleanna Asvestari

University of Helsinki
University researcher

*Head officer
(2022-2025)*



Pietro Zucca

ASTRON
Telescope Astronomer



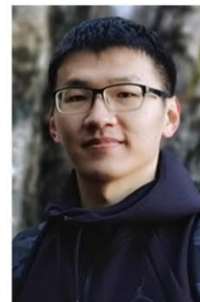
Jia Jia

Finnish
Meteorological
Institute, Finland
Postdoctoral
researcher



**Theodosios
Chatzistergos**

Max Planck Institute
for Solar system research
Postdoctoral researcher



Peijin Zhang

Rozhen National
Astronomical
Observatory
Postdoctoral
researcher

Updates from last year

EGU Blogs » Divisions » Solar-Terrestrial Sciences

Solar-Terrestrial Sciences

Get Connected at EGU25: Solar Terrestrial (ST)-Early Career Scientist (ECS) Events You Don't Want to Miss!

Authored by Geetashree Kakoti, Edited by
Shreedevi P. R. · April 16, 2025



Building connections beyond the conference halls – ST-ECS picnic
at EGU 2024

The EGU General Assembly 2025 is just
around the corner, and the Solar-Terrestrial
(ST) Early-Career Scientist (ECS) Team has
been working hard to create opportunities
for networking, connection, and community.

Decoding the Sun's Past: Dr. Theodosios Chatzistergos, 2024 e- SWAN Alexander Chizhevsky Medalist, on his Scientific Journey

Shreedevi P. R. · April 1, 2025

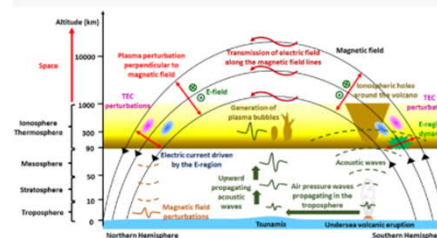


Dr. Theodosios Chatzistergos receiving his award during the
ceremony at the European Space Weather Week in Coimbra,
Portugal. Photo courtesy of Dr. Setareh Jamali Jaghdani.

1. Congratulations on receiving the e-SWAN
Alexander Chizhevsky Medal for outstanding
contributions to space weather and space cli-

Impact of upper atmosphere and ionosphere associated with an extremely explosive eruption of the Tonga volcano

authored by Atsuki Shinbori, and edited by
Shreedevi P. R. · February 5, 2025



1. Introduction Severe natural phenomena of
geophysical, hydrological, and meteorological
origins cause natural hazards that negatively
impact human activity or the environment.
Many people living on the earth suffer from
natural hazards every year. Although we can
predict some natural hazards (e.g., typhoons)
in near real-time, forecasts of the geophysical
natural hazards such as large earthquake ...

[\[Read More\]](#)

Matomo - Visitors (last 12 months)



8. ANGEO Update

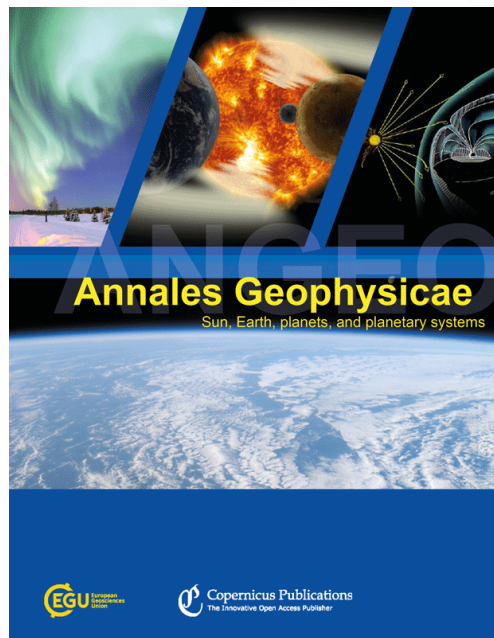


Annales Geophysicae

Sun, Earth, planets, and planetary systems

An interactive open-access journal of the European Geosciences Union

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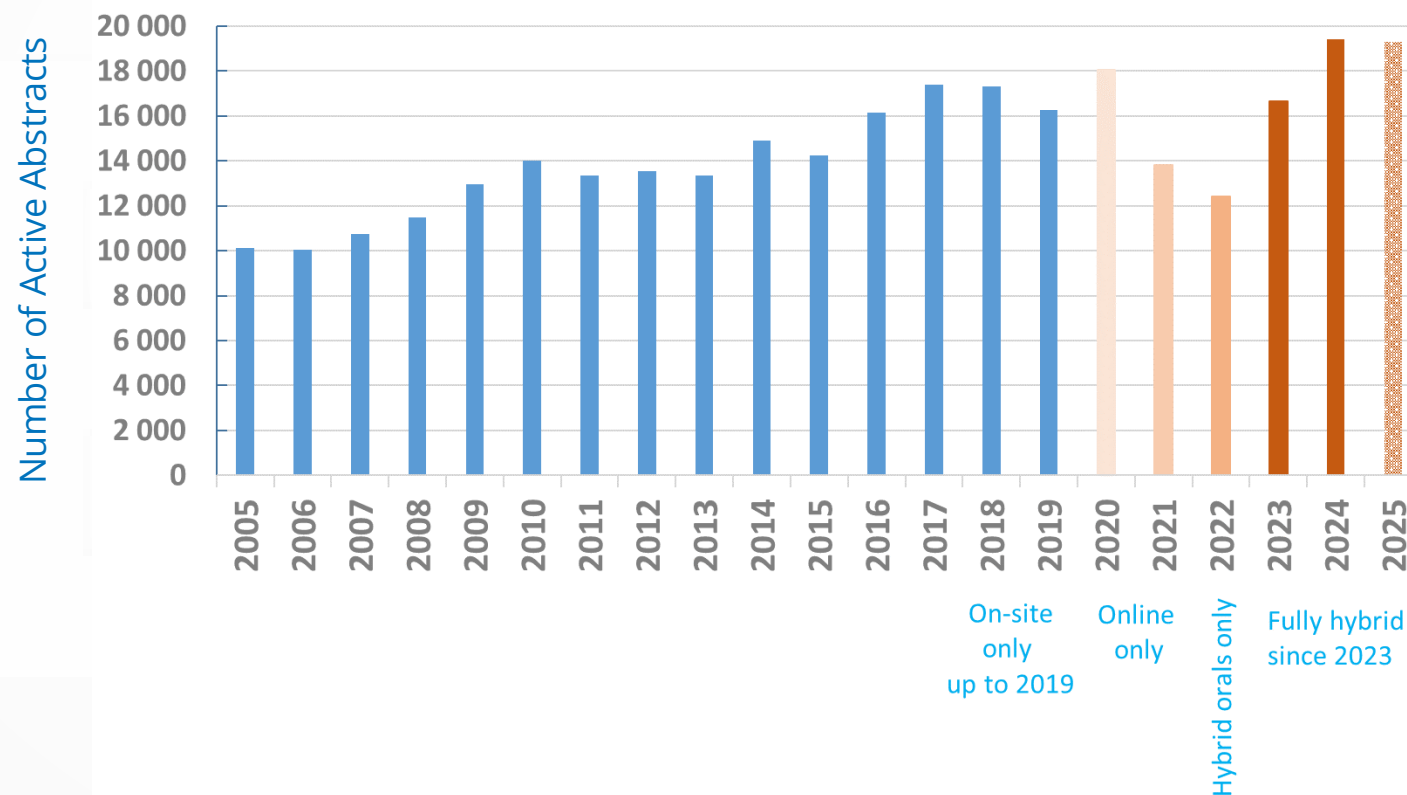


9. 2025 GA/ST Scientific Programme

Number of Active Abstracts 2005-2025

19,285

active
scheduled
abstracts



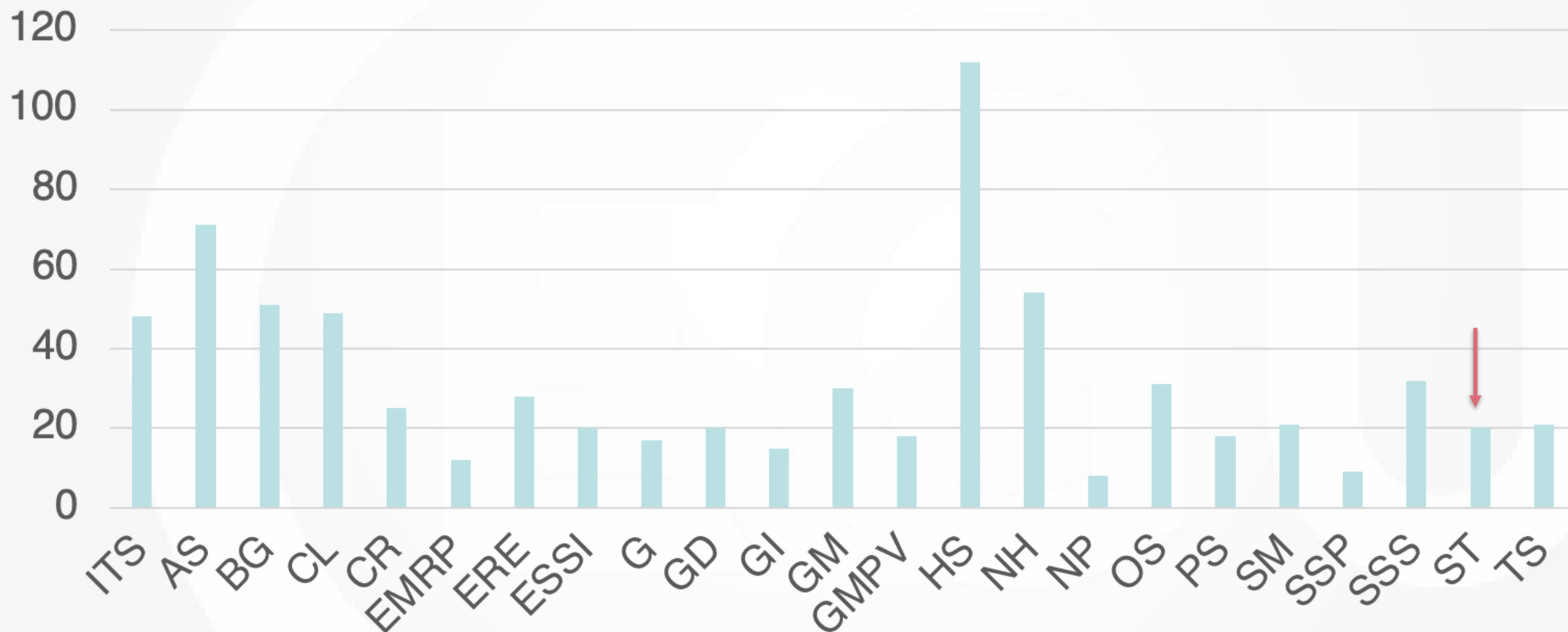


General
Assembly

2025

Vienna, Austria & Online | 27 April-2 May 2025

Active sessions in ITS and Disciplinary Programme Groups





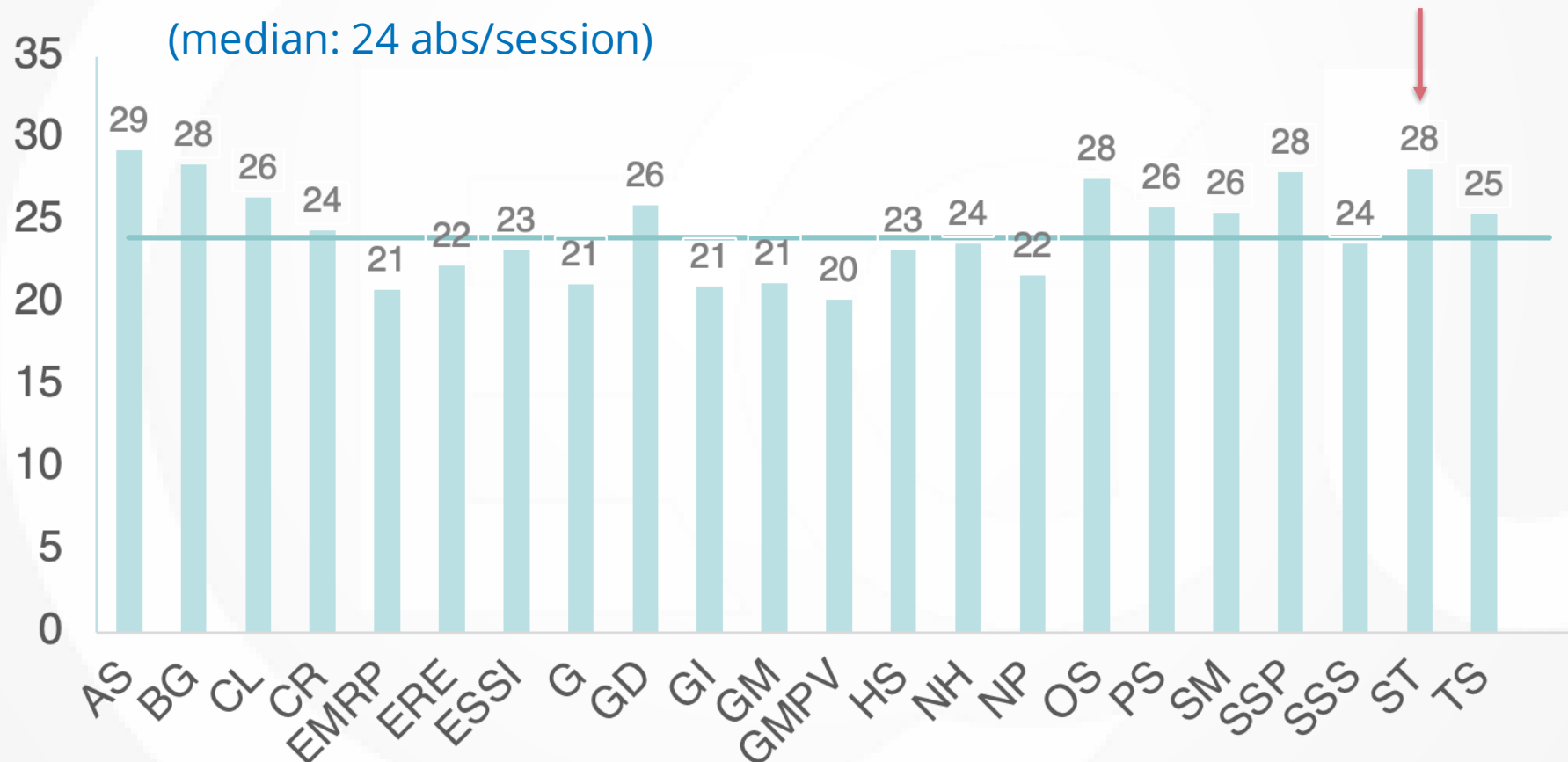
General
Assembly

2025

Vienna, Austria & Online | 27 April–2 May 2025

Abstracts per (lead) sessions per Programme Group (PG)

(median: 24 abs/session)





EGU Award & Medal Celebration

**Wednesday 30 April,
17:00-19:30 CEST**

European Heliophysics Community

Heliophysics in Europe
initiative is driven by the
community - be part of it!

Join us today at the EGU
Townhall Meeting (TM3):

April 30, 2025 19:00–20:00
(CEST) in room G2

**Boundaries are only
important for models**



**We are
Heliophysics!**

The background of the image is a scenic landscape featuring a waterfall cascading over dark, jagged rocks. The water is white and frothy as it falls. In the foreground, there are patches of green grass and small pools of water. The background shows a wide, flat landscape under a blue sky with some clouds. A large, yellow speech bubble with a black outline is positioned in the upper center of the image. It contains the text 'Please Give Us Feedback!' in a bold, black, sans-serif font. The speech bubble has a tail pointing towards the bottom right.

**Please
Give Us
Feedback!**

egu25.eu/feedback



**Hope you have had fun and enjoy
rest of EGU General Assembly
2025 Vienna, Austria & Online!!**



Meetings | Publications | Outreach | www.egu.eu