



**TS** TECTONICS AND STRUCTURAL GEOLOGY

Division on Tectonics and Structural Geology

# Welcome to the 2025 TS Division Meeting

## Stephan Mueller Medal 2025: Heidrun Kopp



The 2025 Stephan Mueller Medal is awarded to Heidrun Kopp for innovative research and groundbreaking discoveries in convergent margin systems, large earthquake processes, active fault slip, magmatic arc systems and geohazards.

<https://www.egu.eu/awards-medals/marie-tharp/2025/heidrun-kopp/>

# The Marie Tharp/Stephan Mueller Medal committee 2024-25

**Chair: Mary Ford**



**Members:**



**2021:**  
**Dietmar Müller**



**2022:**  
**Francesca Funiciello**



**2023:**  
**Richard G. Gordon**



**2024:**  
**Yann Klinger**

**Ex-officio members:** TS president Paola Vannucchi and chair of the EGU awards committee Thomas Blunier

## Changes in the Medal committee

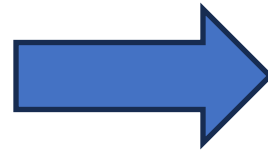
**Old Chair**  
**Mary Ford**, who  
has served for 4  
years



**New Chair**  
**Hemin Koyi** from the  
**Uppsala University**  
(Sweden)



**2021 Medalist:**  
**Dietmar Müller**



**2025 Medalist:**  
**Heidrun Kopp**

# The Marie Tharp Medal\* committee 2025-26

**Chair: Hemin Koyi**



**Members:**

**2022:**



**Francesca Funiciello**

**2023:**



**Richard G. Gordon**

**2024:**



**Yann Klinger**

**2025:**



**Heidrun Kopp**

**Ex-officio members:** TS president João Duarte and chair of the EGU awards committee Marian Holness



**Arne Richter Award for Outstanding Early Career Scientists 2025:**  
**Renelle Dubosq**



The 2025 Arne Richter Award for Outstanding Early Career Scientists is awarded to Renelle Dubosq for pioneering nanogeology research, advancing our understanding of plastic deformation in minerals, using innovative 2D and 3D analytical techniques in tectonics and structural geology.

Long citation at: <https://www.egu.eu/awards-medals/arne-richter/2025/renelle-dubosq/>

## TS Division OECSA committee 2024-2025

Chair: **TS president, Paola Vannucchi**



Members: Last four awardees

**2020:**



**Christoph von Hagke**

**2021:**



**Carolyn Boulton**

**2022:**



**Mojtaba Rajabi**

**2023:**



**Jessica McBeck**

## TS Division OECSA committee 2025-2026

Chair: **TS president, João Duarte**



Members: Last four awardees

**2021:**  
**Carolyn Boulton**



**2022:**  
**Mojtaba Rajabi**



**2023:**  
**Jessica McBeck**



**2025:**  
**Renelle Dubosq**





# Medal Lectures

**MAL30-TS**

**Thursday, 1 May**  
**Room G2 – 19.00-20.00**

**Renelle Dubosq**

**Arne Richter Award**

***Scaling up: Nanoscale insights into tectonic phenomena***

**Heidrun Kopp**

**Stephan Mueller Medal**

***The Dynamic Seafloor: Enhancing Our Knowledge of Seafloor Processes***

# 2024 OSSP Awardees



## Julia Schmitz

(PhD Candidate – in 2024 – RWTH Aachen University)

*Fabric analyses of fine-grained glacier salt (Kuh-e-Namak, Dashti, southern Iran)*

Schmitz, J.; Závada, P.; Urai, J. L.



## Patrick Bianchi

(PhD Candidate – in 2024 – ETH Zurich)

*Exploring fault preparation and earthquake nucleation from the laboratory*

Bianchi, P.; Selvadurai, P. A.; Dal Zilio, L.; Salazar Vásquez, A.; Madonna, C.; Gerya, T.; Wiemer, S.

# TS 2024-2025 officers

- President:

Paola Vannucchi



- Deputy president:

João C. Duarte



- Programme (Science) officers:



Derya Guerer



Christoph von Hagke



Anne Pluymakers



Pietro Sternai



Clare Bond

- OSPP:

Chiara  
Del Ventisette



- ECS Representative:

Sasha  
Zertani



- Media:

Silvia  
Brizzi



- Blog:

Hannah  
Davies



# TS 2025-2026 officers

- President:

João C. Duarte



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- Programme (Science) officers:



Clare Bond



Christoph von Hagke



Anne Pluymakers



Pietro Sternai



Maria Filomena Loreto

- OSPP:

Marta  
Neres



- ECS Representative:

Riccardo  
Lanari



- Media:

Silvia  
Brizzi



- Blog:

Hannah  
Davies



- EDI Officer:

Jean-Baptiste  
Koehl



# Early Career Scientists TS team & activities



UNION LEVEL REP (Dan Evans)

TS DIVISION LEVEL REP  
(Sascha Zertani)



- 1 Union-level ECS Rep
- 1 Deputy union-level ECS Rep
- 22 Division-level ECS Reps
- 1-2 Co-reps per division
- 200+ ECS team members throughout all divisions



Yearly rotation

Co-Rep

Shadowing

Main Rep



Riccardo Lanari

2024-25



Hannah Davies



Hannah Davies

2025-26



Thorben Schöfisch



Sascha Zertani



Riccardo Lanari



# Early Career Scientists TS Team

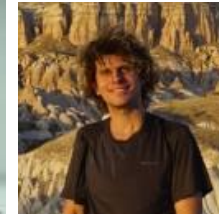
## BLOGS

**Hannah Davies**

*Lead Blog editor*



*Samuele Papeschi; Filippo Carboni; TS Must-Read team...*



*Arnab Roy; Frank Zwaan; Thorben Schöfisch; Alessandro Petroccia*



**Silvia Brizzi**

*Lead Media manager*

## MEDIA



Monday ECS post  
Tectonic modeling Tuesday  
Friday jobs  
Must-read comm

NEW MEMBERS/IDEAS  
VERY WELCOME!



[blogs.egu.eu/divisions/ts](https://blogs.egu.eu/divisions/ts)

Features from the field  
Must-read papers  
Geotandem  
Geomythology

2021-2022: 29 blogposts  
(end of virtual COVID era...)  
2022-2023: 10 blogposts  
2023-2024: 10 blogposts  
2024-2025: 8 blogposts

BLOG EDITORS VERY  
WELCOME!

## ACTIVITIES



**Representatives (Sascha, Riccardo, Hannah)**







egu mailing lists



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About 3.830.000 results (0,44 seconds)



European Geosciences Union

<https://lists.egu.eu> › [mailman3](#) › [lists](#)

## List Index - [lists.egu.eu](https://lists.egu.eu)

List name, Post address, Description. AS-ECS, [as-ecs@lists.egu.eu](mailto:as-ecs@lists.egu.eu), **Mailing list of the EGU Atmospheric Sciences (AS) Division's early career scientists.**

<https://www.egu.eu> › [newsletter](#)

## Outreach - EGU newsletter

The **EGU** newsletter is a short **email** publication sent to **EGU** members on a monthly basis. It informs the Union membership about **EGU** events and activities, ...

<https://lists.egu.eu> › [mailman3](#) › [lists](#) › [os.lists.egu.eu](#)

## Info | [os@lists.egu.eu](mailto:os@lists.egu.eu)

Summary. **Mailing list of the EGU Ocean Sciences (OS) Division.** To contact the list owners, use the following email address: [os-owner@lists.egu.eu](mailto:os-owner@lists.egu.eu) ...

<https://lists.egu.eu> › [mailman3](#) › [lists](#)



search: TSdivision



@EGU\_TS



[ecs-ts@egu.eu](mailto:ecs-ts@egu.eu)



Postorius



Lists



Archives

## Mailing Lists

List name	Post address	Description
<a href="#">AS-ECS</a>	<a href="mailto:as-ecs@lists.egu.eu">as-ecs@lists.egu.eu</a>	Mailing list of the EGU Atmospheric Sciences (AS) Division's early career scientists
<a href="#">AS</a>	<a href="mailto:as@lists.egu.eu">as@lists.egu.eu</a>	Mailing list of the EGU Atmospheric Sciences (AS) Division
<a href="#">BG-ECS</a>	<a href="mailto:bg-ecs@lists.egu.eu">bg-ecs@lists.egu.eu</a>	Mailing list of the EGU Biogeosciences (BG) Division's early career scientists
<a href="#">BG</a>	<a href="mailto:bg@lists.egu.eu">bg@lists.egu.eu</a>	Mailing list of the EGU Biogeosciences (BG) Division
<a href="#">CL-ECS</a>	<a href="mailto:cl-ecs@lists.egu.eu">cl-ecs@lists.egu.eu</a>	Mailing list of the EGU Climate: Past, Present & Future (CL) Division's early career scientists
<a href="#">CL</a>	<a href="mailto:cl@lists.egu.eu">cl@lists.egu.eu</a>	Mailing list of the EGU Climate: Past, Present & Future (CL) Division
<a href="#">CR-ECS</a>	<a href="mailto:cr-ecs@lists.egu.eu">cr-ecs@lists.egu.eu</a>	Mailing list of the EGU Cryospheric Sciences (CR) Division's early career scientists
<a href="#">CR</a>	<a href="mailto:cr@lists.egu.eu">cr@lists.egu.eu</a>	Mailing list of the EGU Cryospheric Sciences (CR) Division
<a href="#">ECS</a>	<a href="mailto:ecs@lists.egu.eu">ecs@lists.egu.eu</a>	Low-traffic announcement list for Early Career Scientist (ECS) members of the EGU
<a href="#">EDI</a>	<a href="mailto:edi@lists.egu.eu">edi@lists.egu.eu</a>	Subscribers of this list receive announcements published by the EGU Equality, Diversity, and Inclusion Committee (EDI)

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## Mailing Lists

List name	Post address	Description
<a href="#">SSP-ECS</a>	ssp-ecs@lists.egu.eu	Mailing list of the EGU Stratigraphy, Sedimentology and Palaeontology (SSP) Division's early career scientists
<a href="#">SSP</a>	ssp@lists.egu.eu	Mailing list of the EGU Stratigraphy, Sedimentology and Palaeontology (SSP) Division
<a href="#">SSS-ECS</a>	sss-ecs@lists.egu.eu	Mailing list of the EGU Soil System Sciences (SSS) Division's early career scientists
<a href="#">SSS</a>	sss@lists.egu.eu	Mailing list of the EGU Soil System Sciences (SSS) Division
<a href="#">ST-ECS</a>	st-ecs@lists.egu.eu	Mailing list of the EGU Solar-Terrestrial Sciences (ST) Division's early career scientists
<a href="#">ST</a>	st@lists.egu.eu	Mailing list of the EGU Solar-Terrestrial Sciences (ST) Division
<a href="#">TS-ECS</a>	ts-ecs@lists.egu.eu	Mailing list of the EGU Tectonics and Structural Geology (TS) Division's early career scientists
<a href="#">TS</a>	ts@lists.egu.eu	Mailing list of the EGU Tectonics and Structural Geology (TS) Division

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@EGU\_TS



ecs-ts@egu.eu



# JOIN THE ECS TS TEAM !



Thorben Schöfisch



Samuele Papeschi



Thorben Schöfisch



Hannah Davies



Silvia Brizzi



Arnab Roy



Alessandro Petroccia



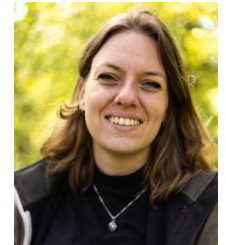
Frank Zwaan



Riccardo Lanari



Filippo Carboni



Annelotte Weert

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[ts-ecs@lists.egu.eu](mailto:ts-ecs@lists.egu.eu)



search: TSdivision



@EGU\_TS



[ecs-ts@egu.eu](mailto:ecs-ts@egu.eu)

# INFO from the Division and the Union

# From Stephan Mueller/Marie Tharp Medal to Marie Tharp Medal

After two decades of honoring Stephan Mueller with the TS Medal — including the last four years as the Mueller/Tharp Medal — the TS Division will begin awarding the Marie Tharp Medal starting in **2026**.

## History of the TS medal re-naming:

- 2019 Initial Discussion on Medal Renaming
- 2020 Community Feedback and Initial Survey
- 2021 Introduction of two medals
- 2023 Formal Advocacy from the TS Medal Committee for a single Medal named after Marie Tharp
- 2024 The EGU Council formally approved the Renaming of the TS Medal after Marie Tharp

# The Marie Tharp Medal

Awarded to scientists in recognition of their outstanding contributions to tectonics and structural geology. Acknowledges exceptional scientific achievements in advancing the understanding of tectonic processes that shape Earth's lithosphere and research that bridges these disciplines across spatial and temporal scales.



# TS Division Medal and Award:

## **Marie Tharp Medal:**

Acknowledges exceptional scientific achievements in advancing the understanding of tectonic processes that shape Earth's lithosphere and research that bridges these disciplines across spatial and temporal scales.



## **Outstanding Early Career Scientist:**

Recognises scientific achievement made by an Early Career Scientist in the field(s) covered by the related division.



**Please find a moment to select and  
nominate colleagues for the  
TS medal and for the OECS award!**

**Due date is 15<sup>th</sup> of June**

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



## 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)	-

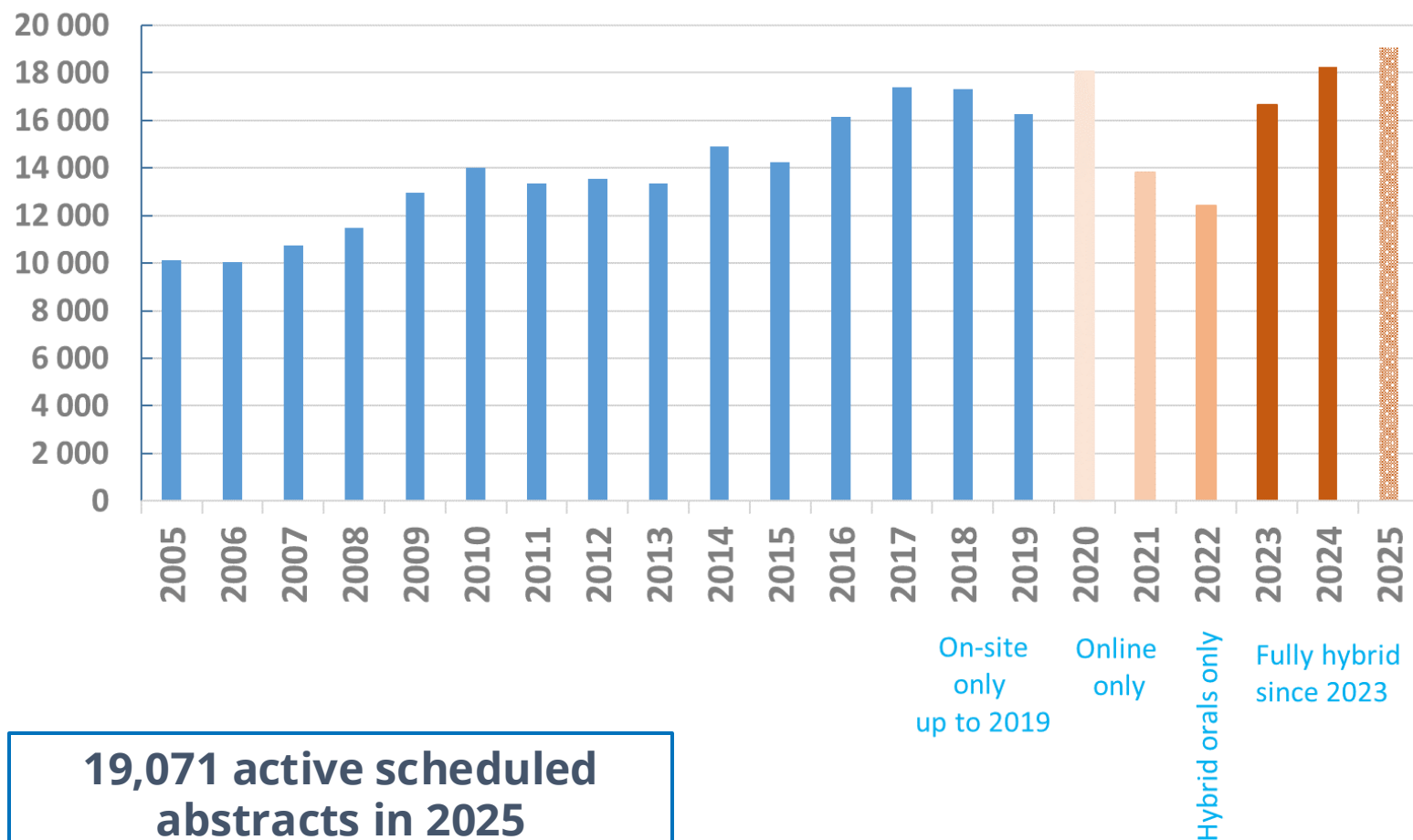
## EGU25: numbers at a glance

- **1,103 active sessions** in total (+7% EGU24):
  - 730 disciplinary PG sessions, of which 48 are ITS sessions
  - 20 Education and Outreach Sessions (EOS), incl. GIFT workshop
  - 61 Short Courses + 2 Artist in Residence workshops
  - 38 Medal and Award Lectures
  - 9 Union Symposia and 9 Great Debates
  - 150 Townhall & Splinter meetings scheduled
- **ECS Networking, Science for Policy, and EDI Committee events**



EGU24 Room E1

More on: <https://www.egu25.eu/>



- **Different countries:** 117 for on-site participation; 98 for virtual participation

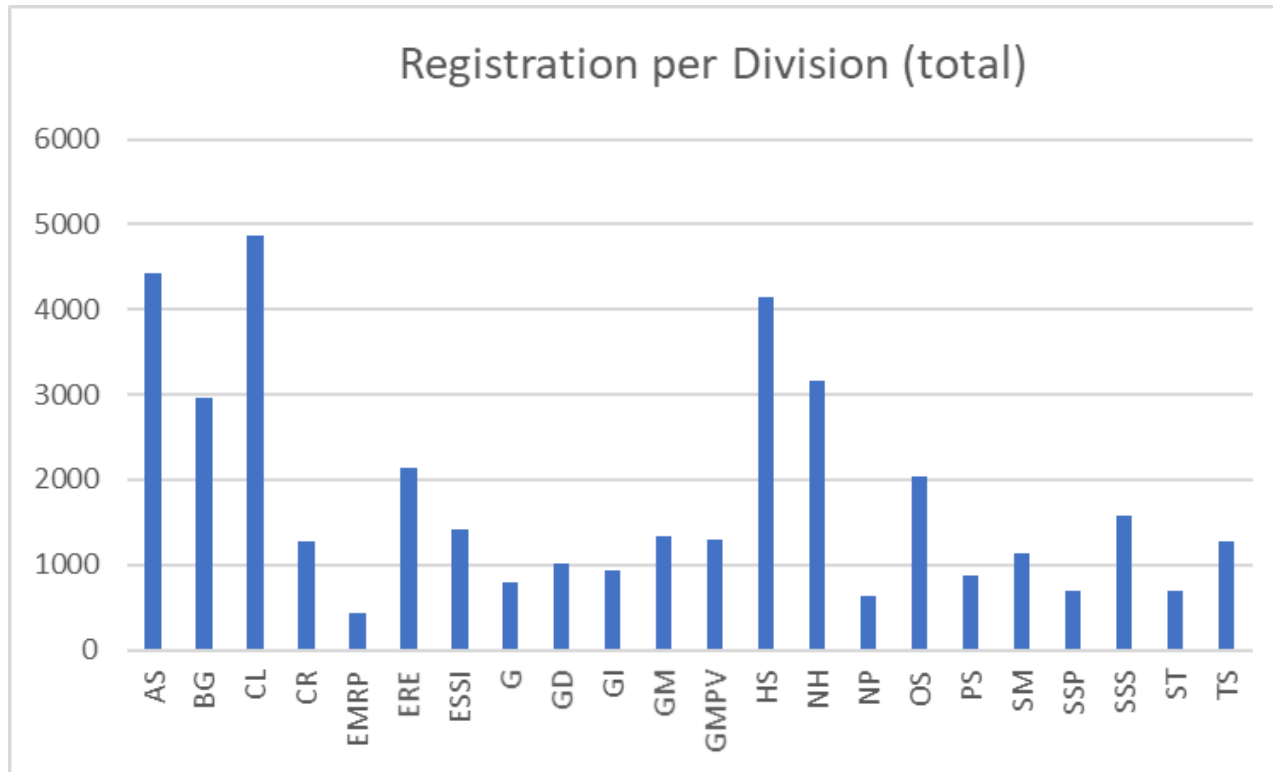
Country statistics (paid)	On-site
Germany	2.786
China	1.971
Italy	1.626
United Kingdom	1.287
France	1.166
United States of America	843
Austria	728
Switzerland	705
Spain	586
Netherlands	559

Country statistics (paid)	Virtual
India	301
China	181
United States of America	165
Germany	160
United Kingdom	119
Italy	113
France	84
Spain	56
Greece	50
Austria	41

(as of 27 April 2025)



(a participant can choose more than one affiliation)

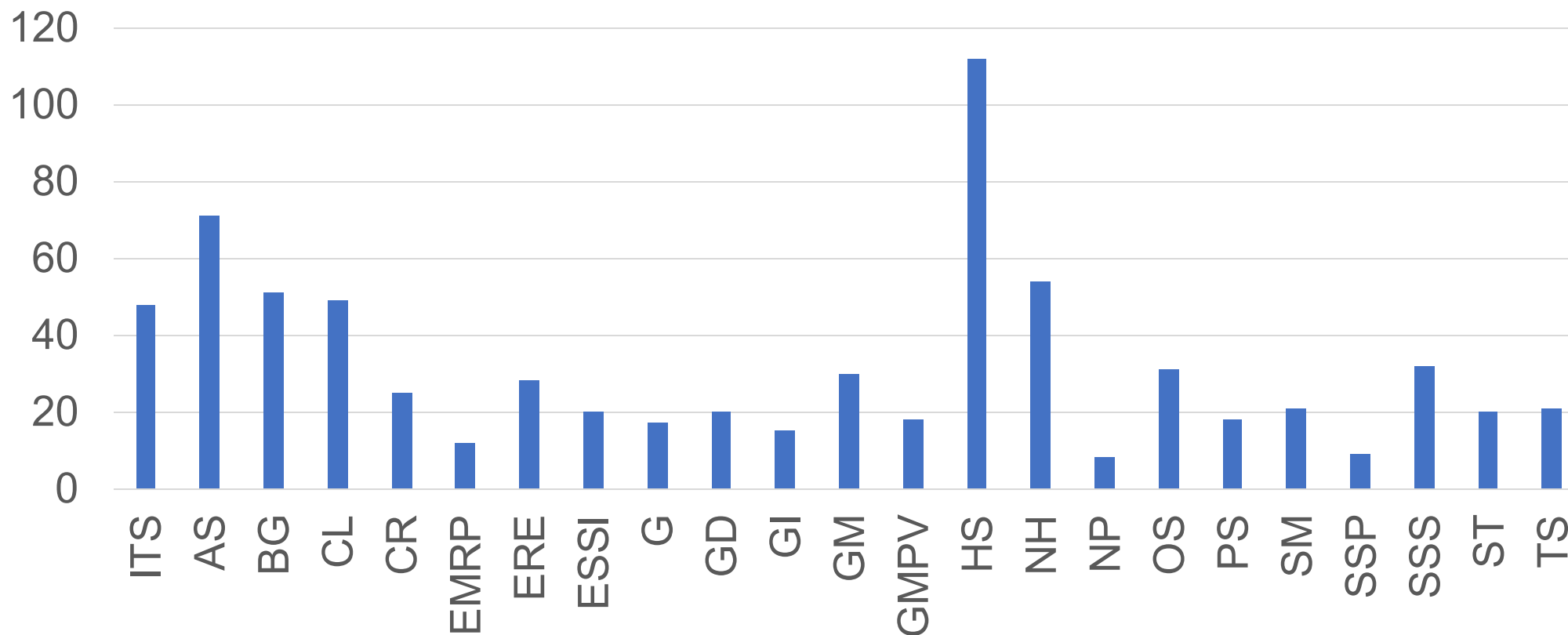


- 19,500+ **registrations** (9.5% for **virtual participation**; 8% in EGU24)
- 53% of virtual registration are “**free virtual registration**”
- 56% are **ECS**
- **Gender:**

Gender (paid)	On-site		Virtual		Total
Female	6.789	38%	798	43%	7.587
Male	10.265	58%	977	53%	11.242
Non-binary	63	0%	8	0%	71
Prefer not to answer	503	3%	64	3%	567

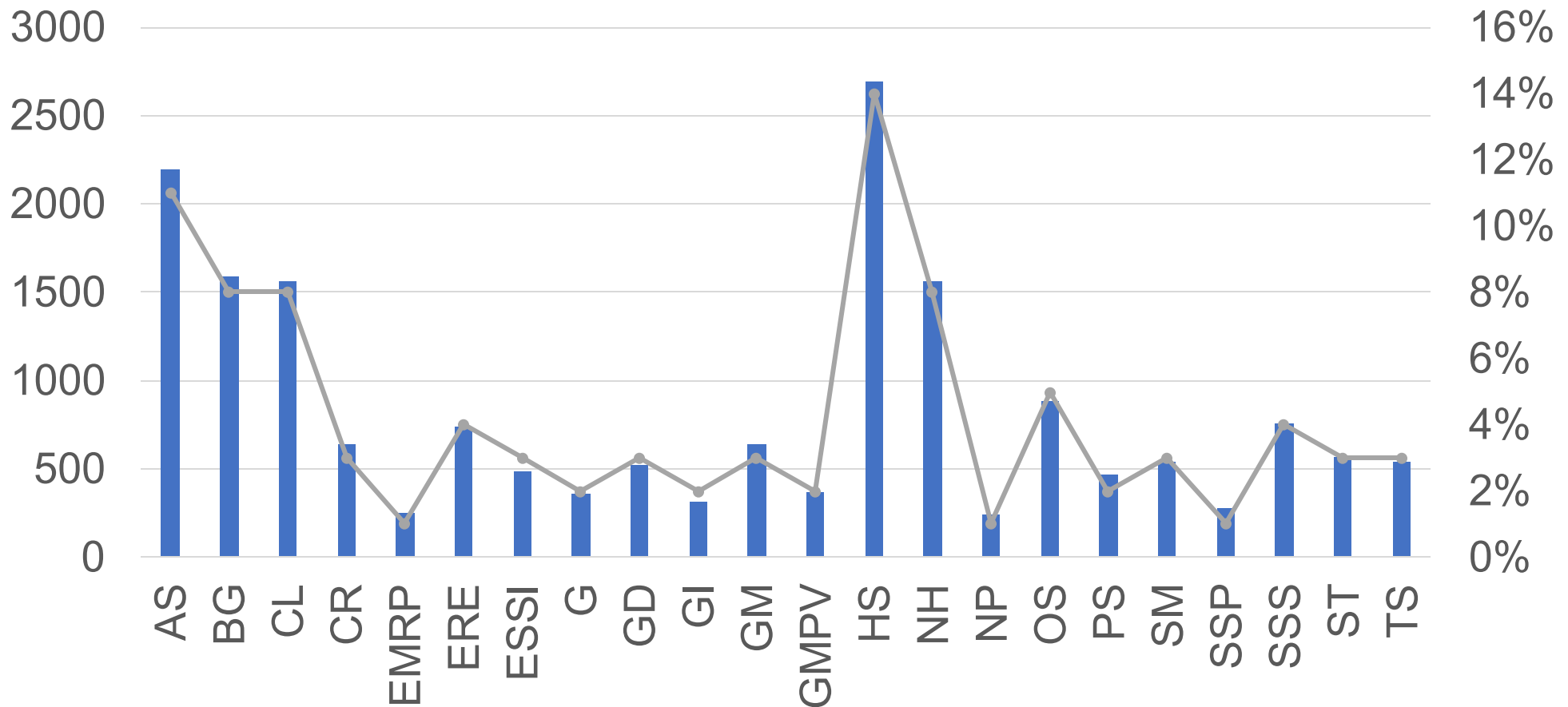
(as of 27 April 2025)

### Active sessions in ITS and Disciplinary Programme Groups



(as of 16 April 2025)

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



(as of 16 April 2025)

# TS Division within EGU

Vienna, Austria & Online 23-28 April 2023

	Members	ECS
EGU	16,465 Abs	9,326 (57%)
TS Division	580 Abs	336 (58%)

Vienna, Austria & Online 14-19 April 2024

	Members	ECS
EGU	19,573 Abs	10,820 (55%)
TS Division	674 Abs	395 (55%)



16% increase

Vienna, Austria & Online 27 April - 2 May 2025

	Members	ECS
EGU	19,158 Abs	10,656 (56%)
TS Division	526 Abs	288 (55%)



22% decrease

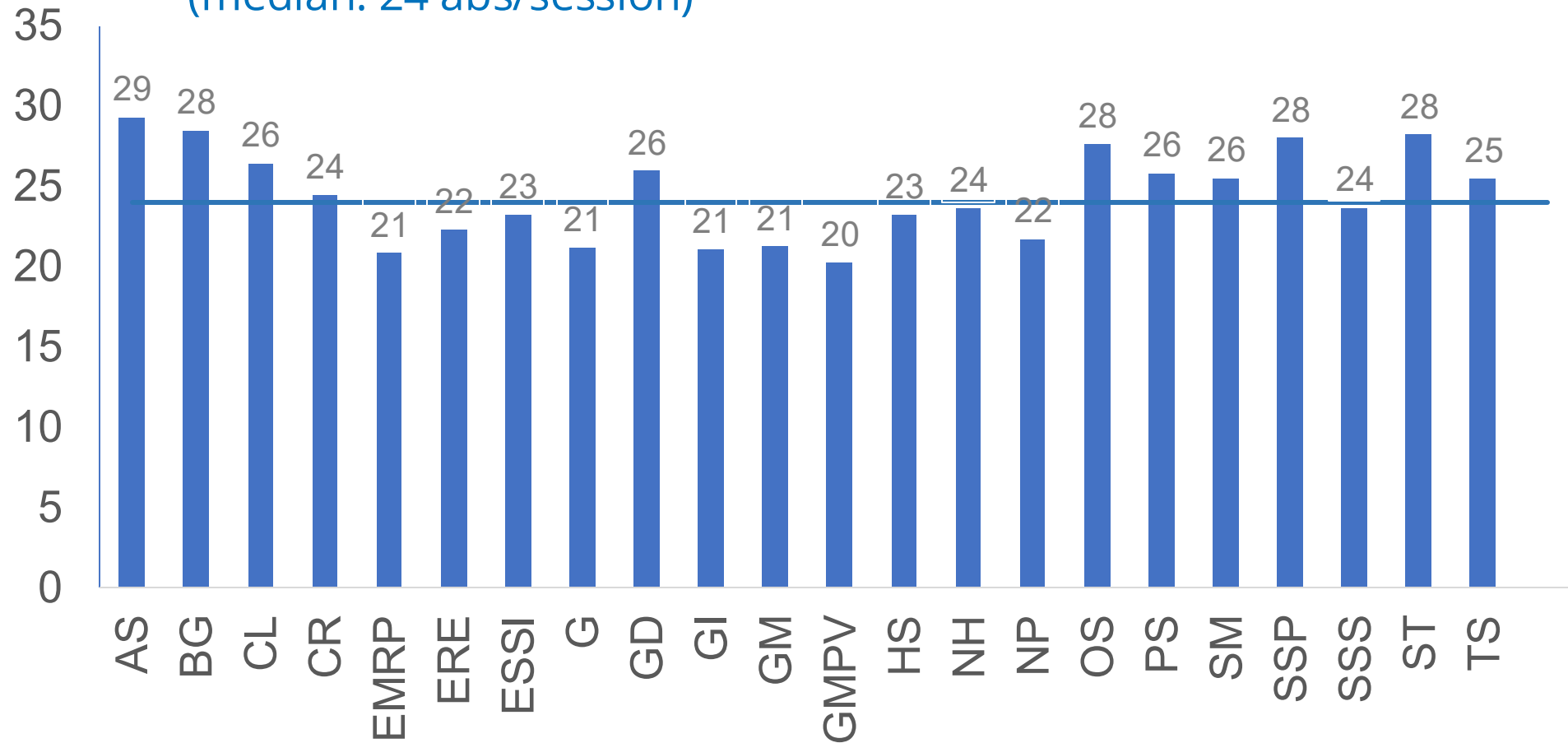
# Some TS Program abstract statistics

	2025	2024	2023	2022	2021	2019
Abstracts TS-led sessions	<b>531 (in 21 Sessions) 290 by ECS – 55%</b>	674 (in 23 Sessions) 395 by ECS – 55%	580 (in 24 Sessions) 333 by ECS – 57%	446 (in 23 sessions) 279 by ECS – 67%	795	750
Abstracts including co-organized sessions	<b>946 (in 37 sessions) 17 withdrawn</b>	953 (in 36 sessions) 15 abstracts withdrawn	1321 (in 53 sessions) 18 abstracts withdrawn	1092 (in 53 sessions) 39 abstracts withdrawn	1461	1543
Total abstracts	<b>19,158</b>	19,573	16,461	12,507	18,052	
TS contribution to the GA programme	<b>2.7% (4.9% with co-org)</b>	3.4% (5% with co-org)	3.5% (8% with co-org)	3.6% (8.7% with co-org)	4.4% (8.1% with co-org)	



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

(median: 24 abs/session)



(as of 16 April 2025)

# How do we build the program?

Bottom-up – your input is extremely important!

- 'Skeleton'-program: June
- **Open call-for-sessions: June to September**
- First session program (October)
- Call-for-abstracts
- Session merges... (January)
- Final session program (February)

# How do we build the program?

Please consider that it is VERY (!! ) easy to propose a session...but it implies possible later session merges...

Check what has already been proposed before proposing new sessions.

And...the GA is 5 days long from 08.30 on Monday to 19.00 on Friday. Sessions on Monday morning or Friday afternoon are not punishments, just part of the official program!

# Open Access Publications



- Open Access Journals
- Interactive Public Peer Review



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ARTICLE LEVEL  
METRICS



MODERATE ARTICLE  
PROCESSING CHARGES



FINANCIAL  
SUPPORT

Executive editors: CharLotte Krawczyk (chief executive editor), Susanne Buitert, Andrea Di Muro, Federico Rossetti & Arjen Stroeven


eISSN: SE 1869-9529, SED 1869-9537

Solid Earth (SE) is a not-for-profit journal that publishes multidisciplinary research on the composition, structure, and dynamics of the Earth from the surface to the deep interior at all spatial and temporal scales.

 Clarivate™ JIF 3.4

 Clarivate™ JIF 5-year 3.6

 Scopus® CiteScore 6.5

 Google h5-index 34

Open access as basic principle  
Preprints for interactive discussion





## EGU Special Activity Fund 2026 – call for proposals

**Goal:** Promote **high-profile, innovative, ‘out-of-the-box’**, not-profit **activities contributing to EGU’s vision and strategy**: <https://www.egu.eu/about/strategy/>

**Key points:** ~20-30k EUR per project, activity has to start and must be completed in 2026

**Application process:**

- Concept note due by Fri 13 June 2025
- Full proposals (upon invitation by mid-July) due by Fri 19 Sept 2025
- Decision by October 2025

For details and to **submit a concept note** (DL13.06.2025):


 <https://www.egu.eu/meetings/special-activity-fund/>

# Apply for funds to run a training school or conference in 2026!



Photo credit: **V. De Micco, 2024**

The EGU Topical Events Committee provides **financial support** to training school and conference organisers, with intent to facilitate participation of early career scientists and/or to support the quality of the event's scientific programme.

Learn more about eligibility  
& **submit your application**  
**by 16 May 2025** 







# **Union Symposium 8**

## **Gender in Geoscience**

**Friday 2 May, 8:30–10:15 CEST**  
**Room E1**

**#EGU25**





# **Great Debate 9**

**How should the global geoscience  
community respond to attacks  
on science?**

**Friday 2 May, 16:15–18:00 CEST  
Room E1**

**#EGU25**



# The EGU online

#EGU25



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@EuroGeosciences@mastodon.social



@egu.eu

## The EGU blogs

### GeoLog

The Union's official blog - [geolog.egu.eu](https://geolog.egu.eu)

[blogs.egu.eu](https://blogs.egu.eu)

### EGU Division blogs

The latest news, events, activities and research from EGU's 22 Divisions - [blogs.egu.eu/division](https://blogs.egu.eu/division)



[www.egu.eu](https://www.egu.eu) | [info@egu.eu](mailto:info@egu.eu)



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 moss. The middle ground shows a calm body of water reflecting the sky. In the background, there are rolling hills and mountains 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](https://egu25.eu/feedback)**