

GD Division Meeting 2023

Jeroen van Hunen

26th April 2023

gd@egu.eu



Meetings | Publications | Outreach | www.egu.eu



GEODYNAMICS DIVISION MEETING 2023

Agenda:

1. GD Medals and Awards
2. OSPP award
3. Early Career Scientists
4. GD Blog
5. Structure of the division
6. Meeting statistics, feedback & ideas for the future
7. EGU Conferences
8. EGU Publications
9. Any other business



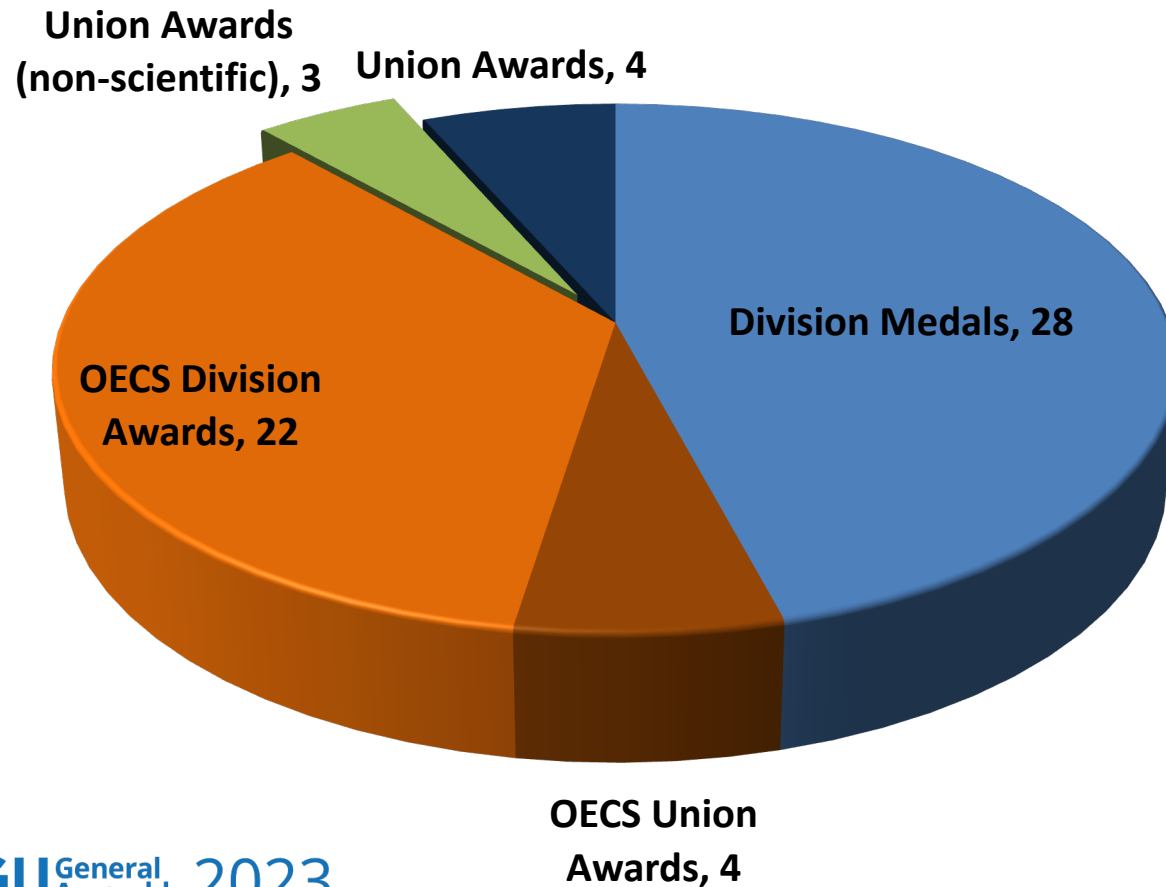


Medals and Awards



EGU awards & medals

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

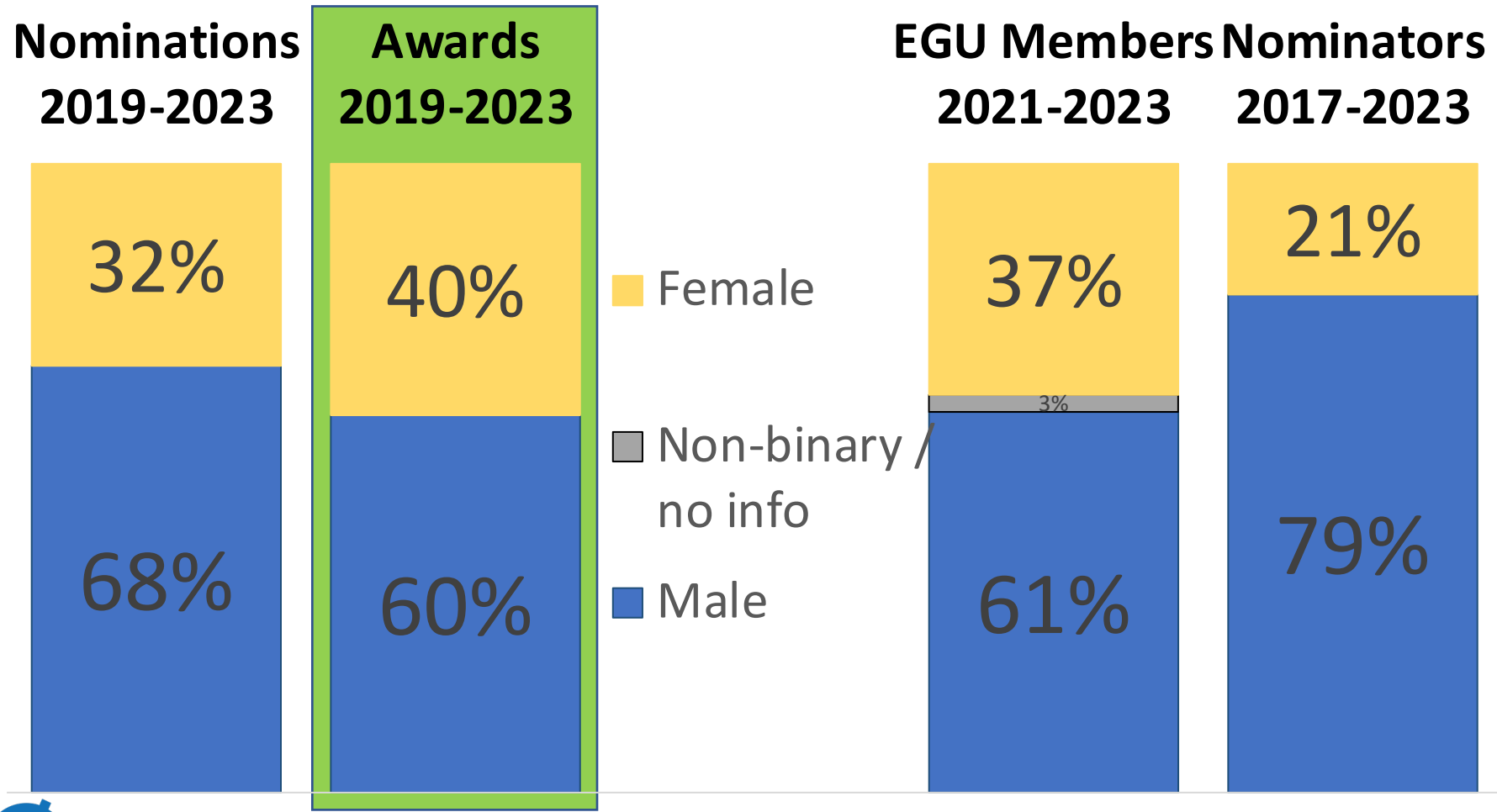


- Awards**
- 4 prestigious **Union medals**, recognising excellence in scientific research
 - 4 Union awards for **Outstanding Early Career Scientists**, services for the Union, science journalism, and outreach
 - 28 **division medals**, awarded for significant disciplinary contributions in Earth, planetary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



EGU awards & medals

Some statistics



[EOS3.1](#)
 Poster EGU23-2595
[Equality of opportunities in geosciences: The EGU Awards Committee experience](#)
 Thu, 27 Apr, 16:15-18:00
 Hall X2 | X2.2

Meet the chair of the Awards Committee
 (Thomas Blunier)
 Thu, 27 Apr, 14:00–14:30
 EGU booth – Hall X2



The EGU Awards & Medals:

At Union level:

- The Union Medals for senior scientists including the most prestigious awards made by the Union that are associated with an EGU Honorary Membership. **Arthur Holmes Medal** (J-P. Brun, T. Torsvik, C. Laj, K. Burke, S. Cloetingh, V. Courtillot, ...)
- The Union **Arne Richter Outstanding Early Career Scientists Awards**

At Division level:

- The Division **Outstanding Early Career Scientist Award** (1)
- The Division **Augustus Love Medal** for a distinguished scientist (1).

In relation with its General Assemblies, EGU presents the **Outstanding Student & PhD (OSPP) Award** to further improve the overall quality of presentations and, most importantly, to foster the excitement of younger colleagues in presenting their work.



The Division Outstanding Early Career Scientist Award (OECS award) recognizes scientific achievements in the field covered by the related Division, made by an early career scientist.

Early career scientist:

<7 years from highest degree (normally PhD)
(no age limitation)

Selection procedure:

by votes of the GD Science Officers

The “winner” of the Division OECS award competes for the Arne Richter EGU OECS award with other divisions OECS award winners



The Augustus Love Medal is awarded to a distinguished scientist in the field of geodynamics, comprising mantle and core convection, tectonophysics, post-glacial rebound and earth rotation.



The medal has been exclusively designed for the EGU by József Kótai.



GD Medal Committee

Composition of the Division Medal committees:

- **Chair:** Term is one year and can be renewed 3 times.
- **Minimum three additional members**, including past medalists/awardees. Term is one year, but can be renewed three times. At least one member of the committee is replaced every year.
- Division president as ex-officio member.
- Chair of the Union Awards Committee as ex-officio member.



GD Medal Committee

2024



Committee Chair	Committee Members without Ex-Officio Members	Term #	Medal/ Award
Paul Tackley	Thorsten Becker	1	2023
	Ágnes Király	1	2023
	Dave Bercovici	2	2022
	Harro Schmeling	4	2021





EGU awards & medals

How to become an awardee?

- **Nominations are exclusively by EGU members (no self nomination)**
- Candidates do not need to be EGU members.
- Individual award and medal committees are then evaluating the nominations selecting the most deserving candidate based on **scientific achievements**

Please nominate

- **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.



EGU awards & medals

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)	-



[Home](#) / [Awards & medals](#)

/ [Division Outstanding Early Career Scientist Awards](#) / [2023](#) / [Ágnes Király](#)

GD Geodynamics

The 2023 Division Outstanding Early Career Scientist Award is awarded to Ágnes Király for her significant contributions in geodynamics, including contributions on viscous anisotropy in the mantle and new interactions between subduction and geological deformation and volcanism.





AUGUSTUS LOVE MEDAL 2023

Thorsten W. Becker

[Home](#) / [Awards & medals](#) / [Augustus Love Medal](#) / 2023
/ Thorsten W. Becker



The 2023 Augustus Love Medal is awarded to Thorsten W. Becker for outstanding research contributions in regional and global geodynamics, seismology, tectonics, and earthquake source processes, and for scientific leadership and selfless service.





EGU23

**EGU Award
& Medal
Celebration**

**Wednesday 26 April,
17:30-19:30 CEST**

Room E1



Outstanding Student and PhD candidate Presentation (OSPP) Award

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!

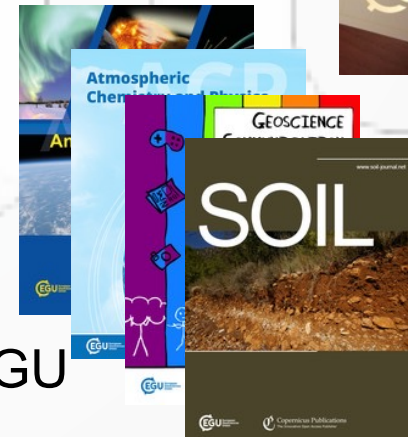
WE NEED YOU!!!

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





Outstanding Student and PhD candidate Presentation (OSPP) Award

Eligible for the **OSPP Award** are students that:

- are first author and personally present the poster at the conference AND
- satisfy one of the following criteria:
 - are a current BSc, MSc, or PhD student OR
 - are a recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference) who are presenting their thesis work.

This year (EGU 2023):

- 58 participants in GD
- ~80 evaluators

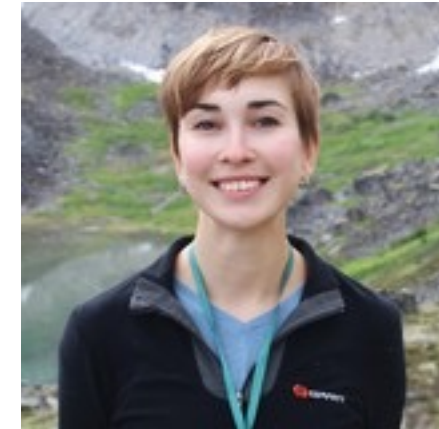
GD OSPP coordinator: Jyotirmoy Paul



EGU GD OSPP Winners 2022

Kira Musiyachenko, University of British Columbia

Secular change in the age of TTG sources during the Archean from in-situ Sr and Hf isotope analysis by LA-MC-ICPMS (Musiyachenko, K.; Smit, M. A.; Caton, S.; Emo, R. B.; Kielman-Schmitt, M.; Kooijman, E.; Scherstén, A.; Halla, J.; Bleeker, W.; Hoffmann, J. E.; Pandey, O. P.; Ravindran, A.; Maltese, A.; Mezger, K.)



Michaël Pons, University of Potsdam

Variability of the shortening rate in Central Andes controlled by subduction dynamics and interaction between slab and overriding plate (Pons, M.; Sobolev, S.; Liu, S.; Neuharth, D.)



GD ECS Report

Megan Holdt

ecs-gd@egu.eu



GD ECS activities this week

Sunday



Tuesday



Wednesday



From 8:30 pm

Thursday



Meeting at 6:30 pm



Icebreaker at Copa Beach





GD Social Media

our team:

- Active **Facebook**, **Twitter** and **Mastodon** accounts



@EGU_GD

~1500 followers
60% increase



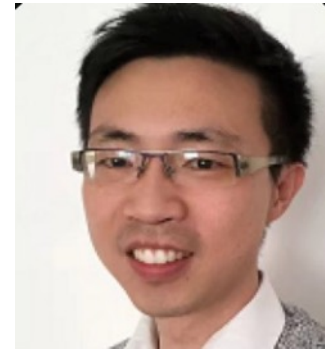
@eguGD

~700 followers
16% increase

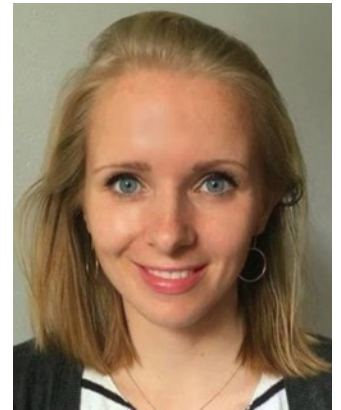


@EGU_GD

1 follower!
New in 2023



Lei



Anna



Duo



Lukas

Thank you to the **Social Media** team!

Interested in joining the team? Contact ecs-gd@egu.eu



Geodynamics 101

Short course tomorrow from 4:15 pm



Geodynamics 101: Numerical modelling ▶

Co-organized by G7/GD11/OS5/SM9/TS15

Convener: Tobias G. Meier ^{ECS} | Co-conveners: Antoniette Greta Grima , Fabio Cramer , Uğurcan Çetiner

★ Thu, 27 Apr, 16:15–18:00 (CEST) Room -2.85/86

Thank you to the **Geodynamics 101** team!

Interested in joining the team? Contact ecs-gd@egu.eu



GD ECS – plans for the coming year

- Continue building the ECS team (Social media, Blog editors, Geodynamics 101 team)
- Continue active online engagement throughout the year (blog, social media)
- Increasing the number of networking events at EGU
- Recruit new ECS rep, to begin at EGU24 (open call in winter)



GD ECS Team – get involved!

It's a great way to:

- Expand your network
- Learn more about EGU “behind the scenes”
- Contribute to science outreach and communication
- Express your ideas creatively

Reach out:

- Do you have any thoughts on how the ECS experience at EGU could be improved?
- Would you like to be involved in the team or know more about the roles?

ecs-gd@egu.eu



GD Blog Report 2022-2023

Iris van Zelst

iris.vanzelst@dlr.de

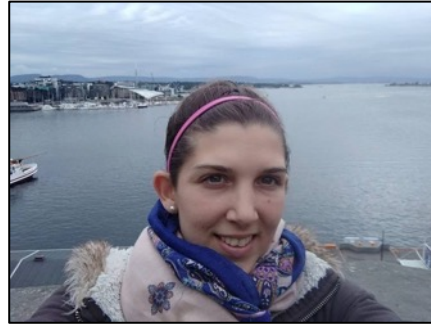




Iris van Zelst



Rajani Shrestha



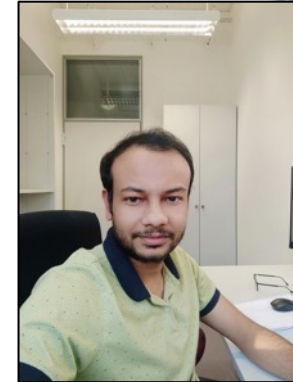
Ágnes Király



Kleoniki (Lydia) Theodoridou



Katherine Villavicencio



Giridas Maiti



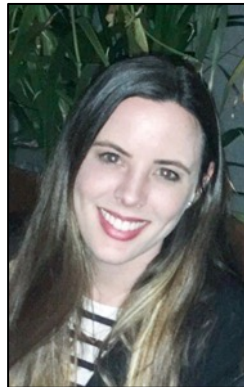
Arushi Saxena



Trud Antzée



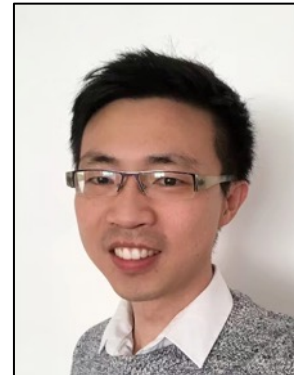
Vojta Hybl



Megan Holdt



Michaël Pons



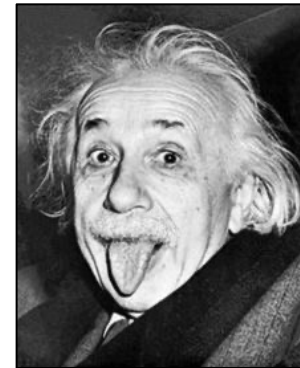
Zhibin Lei



Gokul Venu Sreebindu



Prachi Kar



The Sassy Scientist (x2)



Aisling Dunn

The Blog Team

Interested in contributing? Contact the editors-in-chief: Michael Pons (ponsm@gfz-potsdam.de) or Constanza Rodriguez Piceda (constanza.rodriquezpiceda@plymouth.ac.uk)



Guest authors

- Nevena Andrić-Tomašević
- Anouk Beniest
- Annique van der Boon
- Fabio Capitanio
- Rhodri Davies
- Roberto Gentile
- Taras Gerya
- Anna Gülcher
- Betti Hegyi
- Jeroen van Hunen
- Ilan Kelman
- Elodie Kendall
- Alexander Koptev
- Changyeol Lee
- Robert Marks
- Martina Monaco
- Loïc Pellissier
- Sunil P. S.
- Arnab Roy
- Georgina Rubiano
- Monica Sanders
- Bob Stern
- Samuel Zappalà
- Frank Zwaan

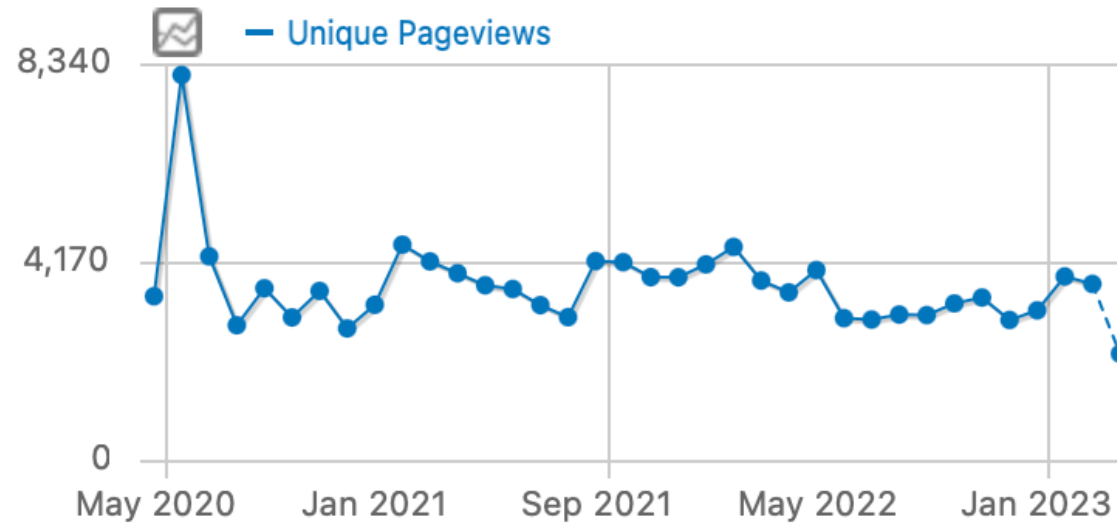
Interested in contributing? Contact the editors-in-chief: Michael Pons (ponsm@gfz-potsdam.de)
or Constanza Rodriguez Piceda (constanza.rodriguezpiceda@plymouth.ac.uk)



Some statistics of this blog year

- 61 blog posts
- > 41,500 unique pageviews

Visits Over Time



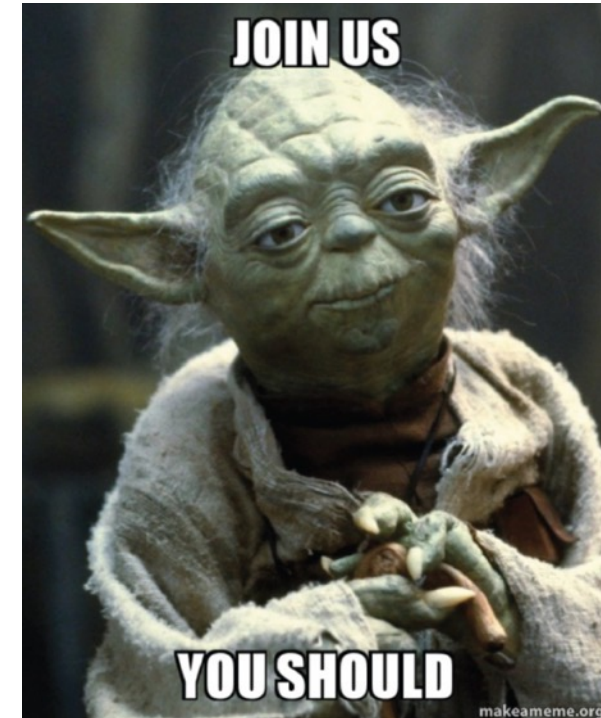
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Contribute to the blog!

WANTED:

- Editor-in-chief
- Regular blog editors
- Sassy scientist columnists
- Illustrators / graphic designers
- Guest authors
- Questions for the Sassy Scientist:
thesassyscientist4real@gmail.com



Interested in contributing?

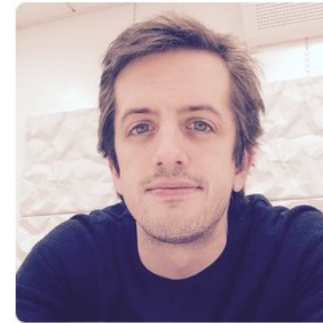
Contact Michael Pons or Constanza Rodriguez Piceda (Editors-in-Chief)
ponsm@gfz-potsdam.de or constanza.rodriguezpicada@plymouth.ac.uk



On (gender) diversity in the Geodynamics awards

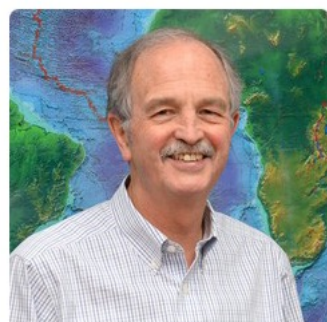
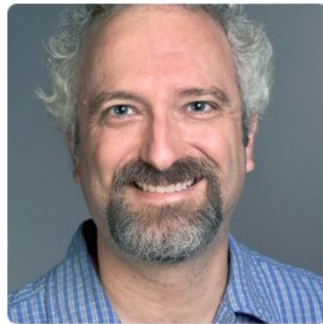


Geodynamics Division Outstanding Early Career Award + Arne Richter Award





On (gender) diversity in the Geodynamics awards





EGU GD division structure



GD Division structure

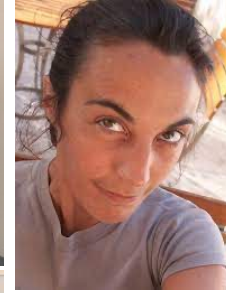
President / Programme group chair

Jeroen van Hunen



Deputy President

Laetitia Le Pourhiet



~~Paul Tackley~~

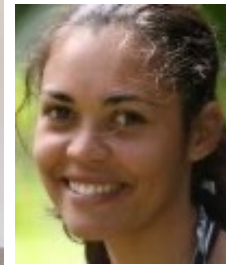


Science Officers

Phil Livermore



Antoniette Grima



Frederic Deschamps

Maëlis Arnould



Laetitia Le Pourhiet

Boris Kaus

~~Irina Artemieva~~

~~Paul Tackley~~

Division Outstanding Early Career Scientists Award Committee Chair

Jeroen van Hunen



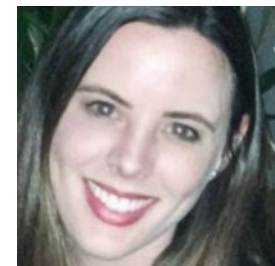
Augustus Love Medal Chair

Paul Tackley



OSPP Coordinator

Jyotirmoy Paul



~~Maëlis Arnould~~



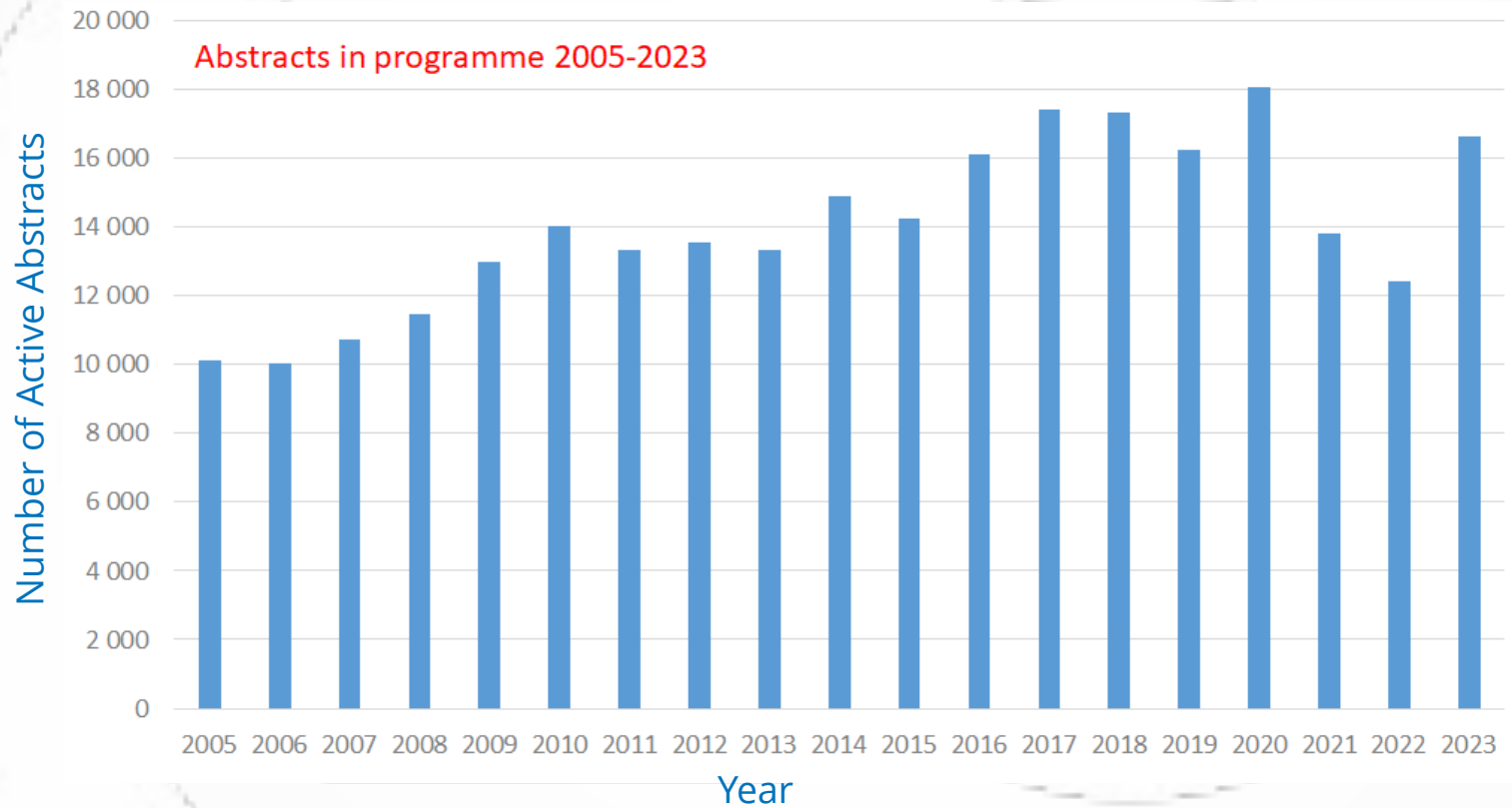
ECS Representative

Megan Holdt



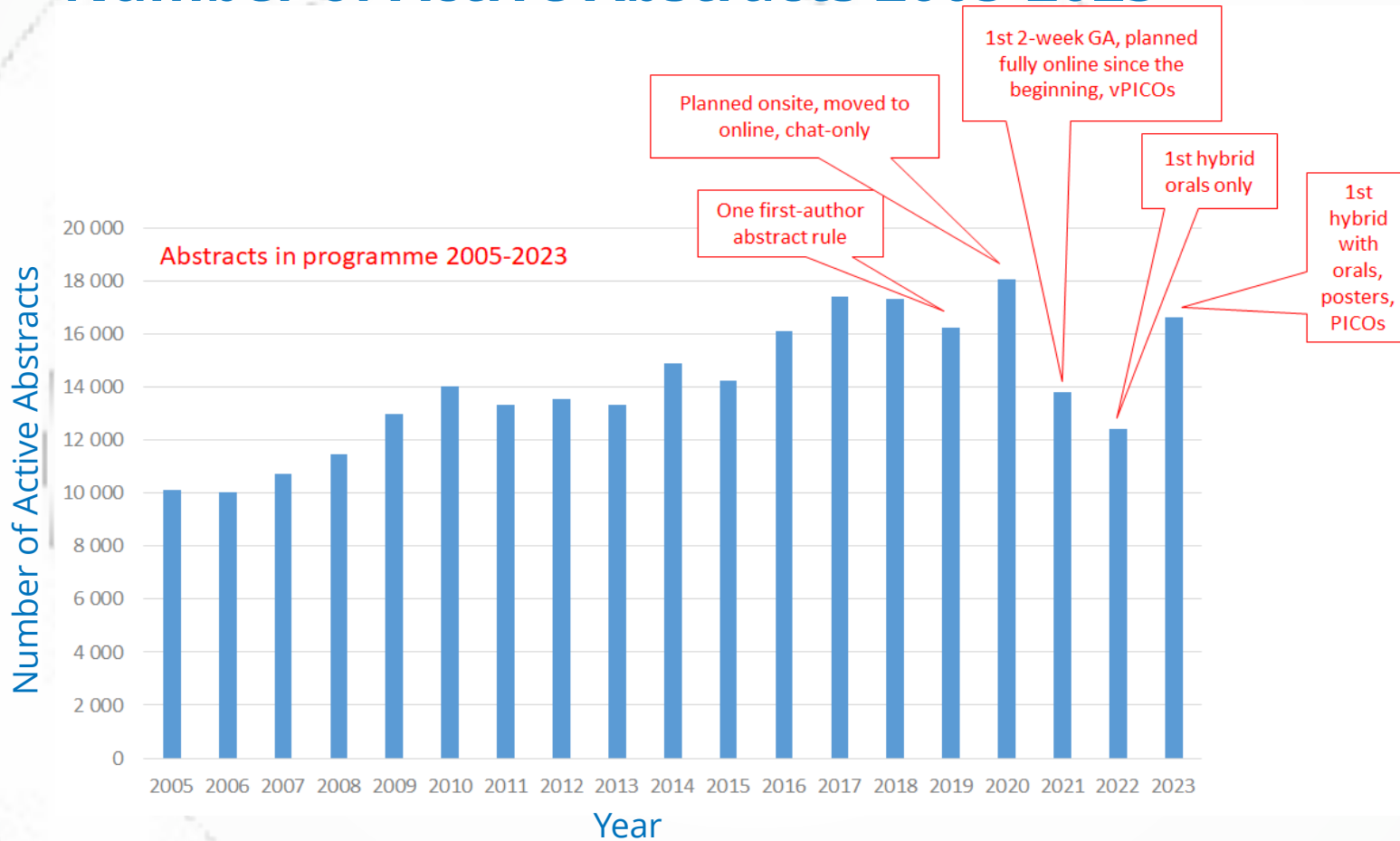
Meeting statistics, feedback and
ideas for the future

Number of Active Abstracts 2005-2023



- **16,646 active scheduled abstracts** (as of 12 April)

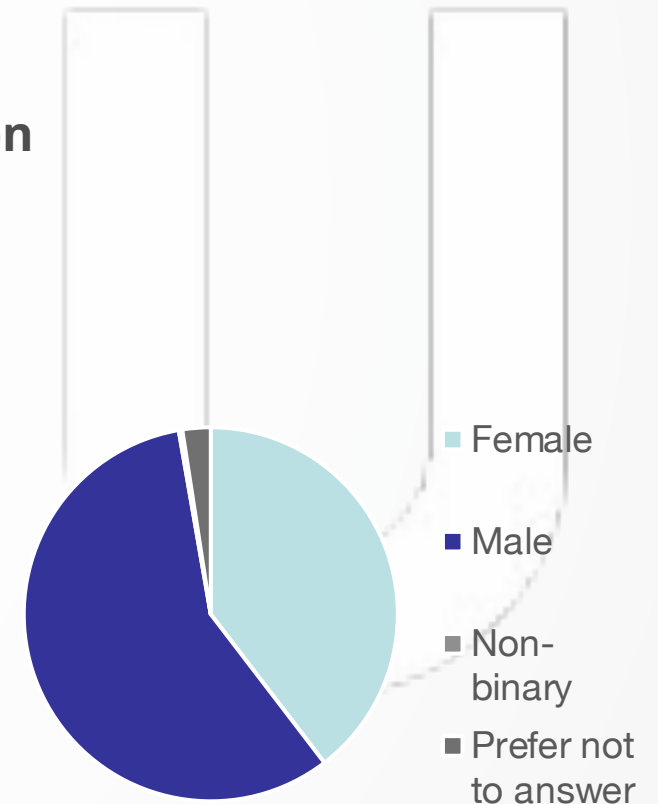
Number of Active Abstracts 2005-2023



- **16,646 active scheduled abstracts** (as of 12 April)

EGU23 Registration Statistics (as of 17 Apr)

- 16,604 **active scheduled abstracts**
- 15,319 **total registrations** (13,287 on-site / 2,032 virtual)
- ~13% of total participants registered for **virtual participation**
- ~ 40% of total participants are **PhD candidates, Master or Undergraduate students** (~ 25% participating virtually)
- ~ 5% of registered participants from **low- & lower-middle income countries** (approx. equally distributed onsite & virtual participation)
- **Gender:** male (~ 57 %) and female (~ 39 %), with less difference between percentages for virtual participation



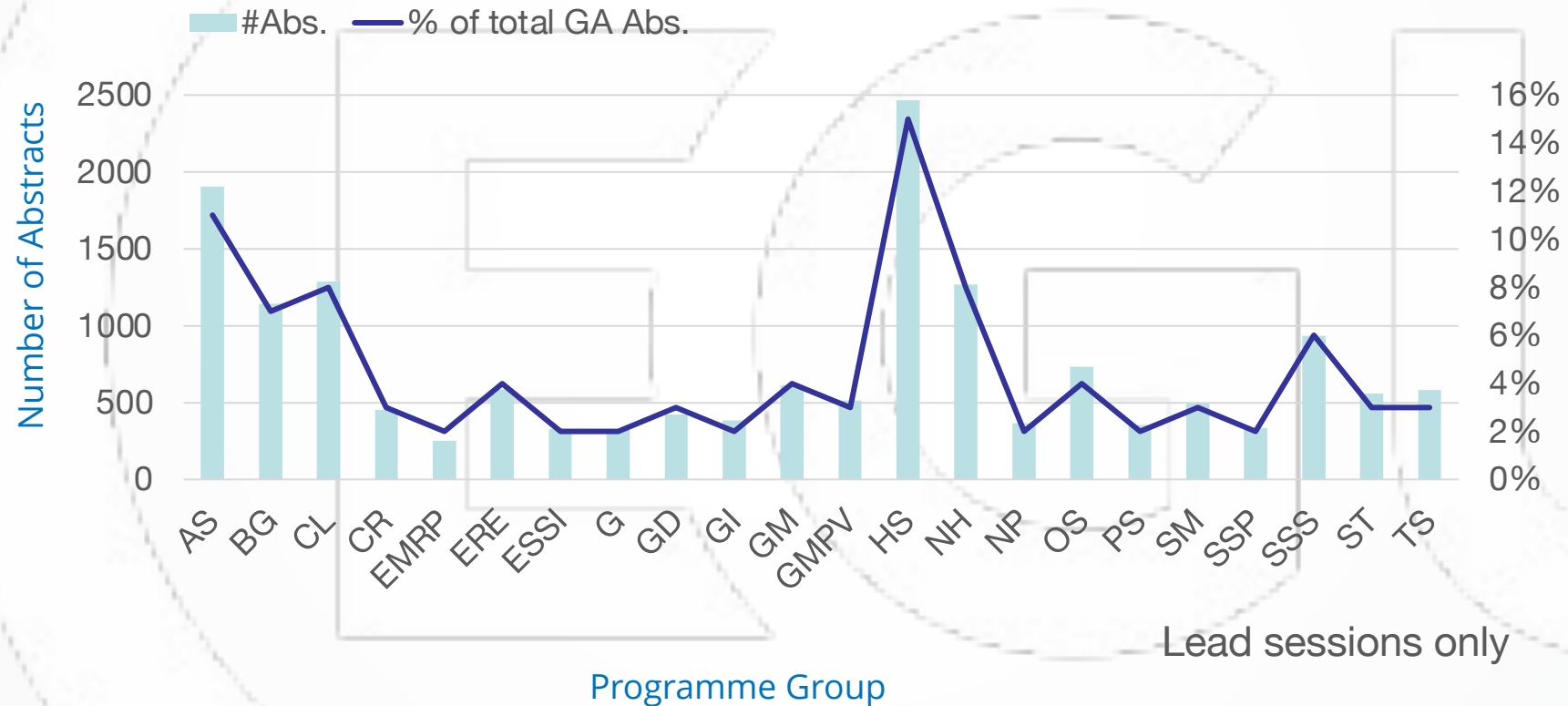
EGU23 Session Statistics (as of 12 Apr)

- **925 active sessions:**
 - 629 division-led sessions, of which 25 ITS sessions
 - 14 Education and Outreach Sessions (EOS) + GIFT workshop
 - 51 Short Courses + 2 Artist in Residence workshops
 - 39 Medal and Award Lectures
 - 5 Union Symposia and 6 Great Debates
 - 114 Townhall & Splinter meetings scheduled
 - 52 sessions (incl. 4 SC) co-sponsored by sibling organizations
- ECS Networking, Science for Policy, and EDI Committee events

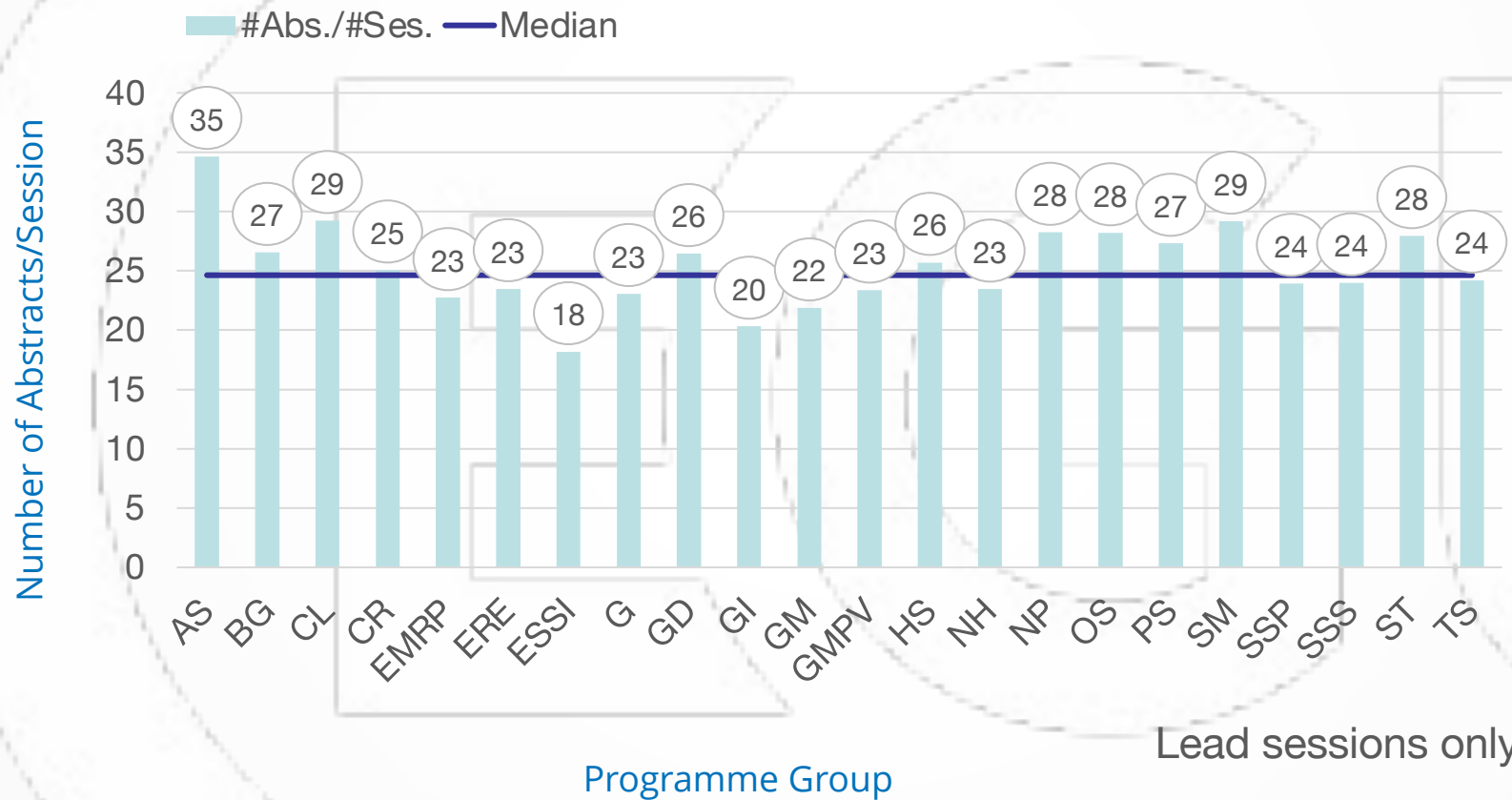
More on: <https://www.egu23.eu/>

EGU23 Abstracts per Programme Group

(as of 12 Apr)



EGU23 Abstracts Per Session Per Programme Group (as of 12 Apr)





Active scheduled	422
Granted supports	None: 416 (99%) ECSTS: 0 (0%)
Presentations	Posters on site: 154 (36%) Posters virtual: 17 (4%) Orals: 200 (47%) PICO: 51 (12%)
Author identification specifics	ECS: 245 (58%)

Active scheduled	16,481
Granted supports	None: 16,285 (99%) ECSTS: 188 (1%) ESTS: 6 (0%) OSECS: 2 (0%)
Presentations	Orals: 7,973 (48%) PICO: 1,251 (8%) Posters on site: 6,279 (38%) Posters virtual: 978 (6%)
Author identification specifics	ECS: 9,336 (57%)

2023: **422** GD abstracts (out of 16,285 in total)
 2022: **312** GD abstracts (out of 12,445 in total)
 2020: **475** GD abstracts (out of 18,054 in total)
 2019: **404** GD abstracts



Conferences



EGU Galileo conferences

- Address well-focused cutting-edge topics at the frontier of geosciences research.
- 3-5 days meeting for discussion and debate for about 100 participants.
- EGU provides comprehensive organizational support allowing organizing committees to focus on the scientific aspects.
- Aside from partly sponsoring the event, EGU is giving a deficit guarantee.
- **2 stage application process on-line.**



Topical meetings

EGU co-sponsors

- **conference series**,
 - Alexander von Humboldt Conferences
 - Ada Lovelace Workshops on Mantle and Lithosphere Dynamics
- **training schools**,

for the benefit of all scientists and with special attention to the needs of young scientists.

GD Meetings Calendar

<http://www.egu.eu/gd/meetings/>



Publications



Solid Earth is EGU's journal addressing topics of many divisions

Enter the journal through 4 thematic groups



EGU European Geosciences Union

Solid Earth

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Executive editors: CharLotte Krawczyk (chief executive editor), Susanne Buitert, Joachim Gottsmann, Federico Rossetti & Arjen Stroeven

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open access as basic principle
interactive discussion papers

Tectonic plate interactions, magma genesis, and lithosphere deformation at all scales



The evolving Earth surface: erosional, sedimentary, morphotectonic, and volcanic processes

Core and mantle structure and dynamics

Crustal structure and composition



EGU23 Feedback Survey

Survey open until end of June

<https://www.egu23.eu/feedback>

Mark Your Calendar!

EGU General Assembly 2024
14-19 April 2024
Vienna, Austria & Online



Any other business?