



TS TECTONICS AND STRUCTURAL GEOLOGY

Division on Tectonics and Structural Geology

Welcome to the 2022 TS Division Meeting

- ***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 investigating with the ACV the most appropriate schedule for EGU23 (in April and May) with the aim to be more resilient to potential 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.

Marie Tharp Medal 2022: Francesca Funicello



The 2022 Marie Tharp Medal is awarded to Francesca Funicello in recognition of remarkable achievements in convergent margin geodynamics and for pioneering use of analogue modelling to investigate tectonic processes.

Long citation at:

<https://www.egu.eu/awards-medals/marie-tharp/2022/francesca-funicello/>

The Marie Tharp/Stephan Mueller Medal committee 2021-22

Chair : Mary Ford



Members :



2018:
John Platt



2019:
Serge Lallemand



2020:
Mathilde Cannat



2021:
Dietmar Müller

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

The Marie Tharp/Stephan Mueller Medal committee 2021-22

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Members :

2019:
Serge Lallemand



2020:
Mathilde Cannat



2021:
Dietmar Müller



2022:
Francesca Funicello



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

Outstanding Early Career Scientist 2022: **Mojtaba Rajabi**



The 2022 Division Outstanding Early Career Scientist Award is awarded to Mojtaba Rajabi for outstanding research on global tectonic stress, that has resulted in a major revision of our understanding of present-day crustal stress patterns across different scales.

Long citation at:

<https://www.egu.eu/awards-medals/division-outstanding-ecs-award/2022/mojtaba-rajabi/>

TS Division OECSA committee 2021-2022

Chair: TS president, Paola Vannucchi



Members: Last four awardees

2018:
Fabio Corbi



2019:
Daniel Pastor Galan



2020:
Christoph von Hagke



2021:
Carolyn Boulton



TS Division OECSA committee 2021-2022

Chair: TS president, Paola Vannucchi



Members: Last four awardees

2019:



Daniel Pastor Galan

2020:



Christoph von Hagke

2021:



Carolyn Boulton

2022:



Mojtaba Rajabi

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

Due date is 15th 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)	-

TS Division Medals:

Experienced Scientists:

The **Stephan Mueller Medal**

Outstanding contributions to the discovery of the structure of the lithosphere and interdisciplinary approaches to the understanding of plate tectonics.



The **Marie Tharp Medal**

Outstanding contributions to the discovery of the structure of the ocean floors and plate tectonic processes.



Outstanding Early Career Scientist

2021 open letters to EGU

Regarding medals and criteria to award them – TS community involved in both

- *“The awards and medals programme does not presently reflect the diversity of scientists undertaking science, nor how science is done”...
“We encourage EGU to review what is considered as ‘excellent’,
‘eminent’ and ‘outstanding’” - 6th of April
2021*

- EGU started an internal review regarding the awards and medal system. A few changes already happened:

OECS Award: Review of the eligibility criteria

Exclusion of metrics from nomination requests

This is an ongoing debate within EGU...

2021 open letters to EGU

<https://docs.google.com/forms/d/e/1FAIpQLSdfDGYA5lazi0fNKR2gjNogMEa3mYNNPG7ZhFhNx-TzZEq-CA/viewform>

May '22 - **325** signed

- Triggered by the decision to have two medals in TS
- Focused on Equity, Diversity, Inclusivity
- Willing to help in making EGU more “EDI”

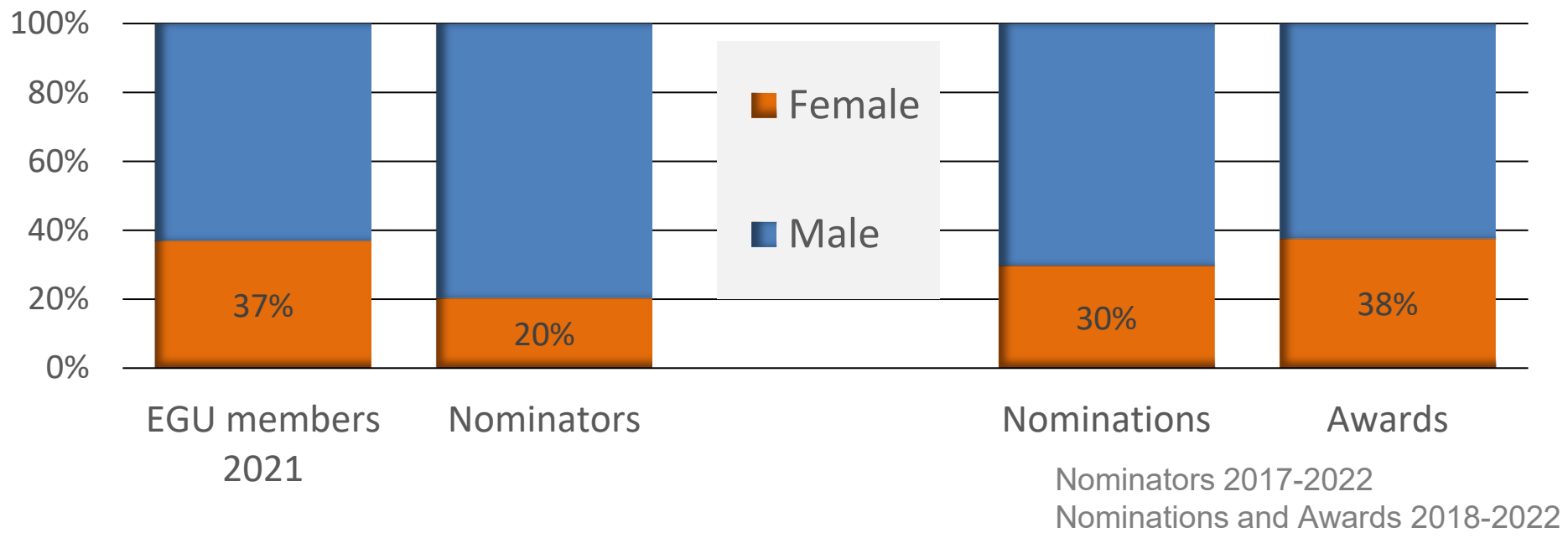
EGU president and council appreciated the constructive feedback

The letter started a debate inside council that also involves how to handle democratic tools.

On the 8th of July there was a meeting between the original authors of the letter – Bond, Mildon, Gurer, Davies, Perez Diaz – the EGU president Graves, the EDI chair Alves de Jesus-Rydin and TS President

1. EGU plans to collect & publish diversity data (gender, career stage, location) annually
2. Reviewing EGU medals and awards - naming to transparency over the process
3. Creating safe & inclusive spaces for difficult conversations

Members, Nominators, Nominees, and Awardees



TS 2021-2022 officers

- President:

Paola Vannucchi



- Deputy-president:

Claudio Rosenberg



- Programme officers:



Zoe Mildon



Sean Willett



Luca Menegon



Bernhard Grasemann

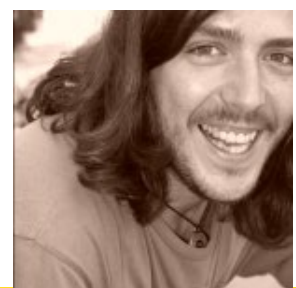
- OSPP:

Chiara Del Ventisette



- ECS Representative:

David Fernández-Blanco



- Media:

Silvia Brizzi



- Blog:

Hannah Davies



TS 2021-2022 officers

- President:

Paola Vannucchi



- Deputy-president:

Claudio Rosenberg



- Programme officers:



Zoe Mildon



Sean Willett



Luca Menegon



Bernhard Grasemann



João C. Duarte

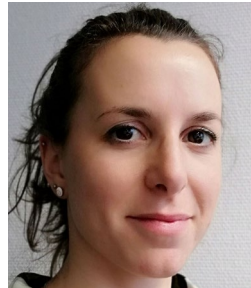
- OSPP:

Chiara
Del Ventisette



- ECS Representative:

Silvia
Crosetto



- Media:

Silvia
Brizzi

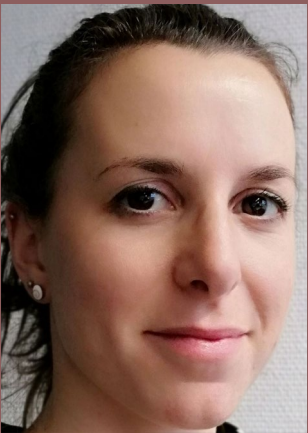


- Blog:

Hannah
Davies



Early Career Scientists TS team & activities



Silvia Crosetto
TS ECS Main Representative
(Incoming)



Gino de Gelder
Co-representative



Sascha Zertani
Shadowing Repr.



David Fernández-Blanco
(3 yrs - Outgoing, Deputy EGU-wide)

Blog Team



Hannah Davies
Lead Blog editor

Elenora van Rijsingen; Anouk Beniest; Samuele Papeschi; Derya Güreer; Filippo Carboni; David Fernández-Blanco; TS Must-Read team...

Media Team



Silvia Brizzi
Lead Media manager

Arnab Roy; Sonny Aribowo; Xiong Ou; Frank Zwaan; Filippo Carboni; Utsav Mannu

Activities Team



David Fdez-Blanco
Lead Activities manager

Gianluca Frasca; Silvia Crosetto; Patricia Cadenas; Armin Dielforder; Bobola Akintomide; Adriana Guatame-Garcia; Benoit Petri; Marta Marchegiano...

Features from the Field



Geology in the City

Mind your Head



Geomythology

Must-Read papers



Women in TS

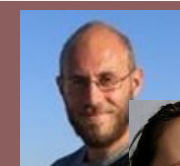
Monday post



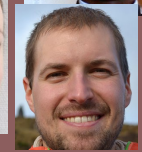
Friday jobs



Must-Read comm



TS Must-Read papers, SC & more...



search: TSdivision



@EGU_TS



ts@egu.eu

Highlights from #vEGU21 and/or during the year

Keeping the community engaged with meaningful telematic activities: Women in TS; Must-Read papers; *Geomythology*

Engaging with an active community

Twitter (1950+ followers) [650+ since last GA]

Facebook (3200+ friends) [300+ since last GA]

Blog (800-1000 unique views/week)

Eight new members

(3 in Blog team; 3 in Activities team; 2 in Media Team)

Fully operational ECS Rep team and rota (next slide)

Reactivated “News & Newsletter” in webpage

Plans for EGU22 and beyond

3 SC; 1 GDB; 2NET; 1TM; 1EOS at EGU22

How to navigate EGU; Careers in/out academia; Geology 101; Talent evaluation diversity; EDI in academia; Inclusivity

Actions to enlarge community involvement

- a. TS Must Read papers
- b. 2 fieldwork activities (hopefully!)
- c. Interview with tectonicists and structural geologists

Pushing the change for better EGU-Wide communication & ECS team visibility

Main ECS Rep to Deputy (union-wide) ECS Representative

JOIN US!! More ECSs needed to ROCK the Tectonic & Structural Geology community!



search: TSdivision



@EGU_TS



ts@egu.eu

TS ECS Representative team (+ selection process and rota)

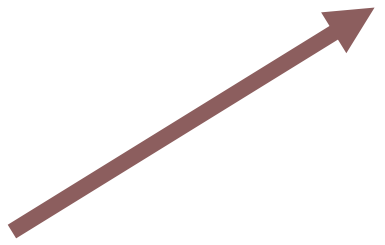
Co-representative

Gino de Gelder



Main TS ECS Representative

Silvia Crosetto



Deputi (Union-wide) ECS Representative

David Fernández-Blanco

Yearly rota



Shadowing representative

Sascha Zertani

New ECS Representatives

Yearly calls before GAs!

Some highlights from the GA2021 programme

Mon 19 Apr	Tue 20 Apr	Wed 21 Apr	Thu 22 Apr	Fri 23 Apr
	Great Debate	Great Debate	Great Debate	Union Symposia
	Medal lecture			Medal Lectures
Icebreaker				
Union Symposia	Union Symposia	Union Symposia	Great Debate	Great Debate
EGU Pride		Meet the TS ECS rep		Medal Lecture
	NET - TS ECS			

Mon 26 Apr	Tue 27 Apr	Wed 28 Apr	Thu 29 Apr	Fri 30 Apr
vPico	vPico	vPico	vPico	vPico
Pride coffee	vPico	vPico	vPico	vPico
TS Division Meet.		TS-Event for all		
Great Debate	vPico	vPico	vPico	vPico
	Tectonika Open Discussion	Meet the TS ECS rep	Meet the TS ECS rep	
	NET - ECS EGU	Game night		

Great Debate to follow:

GDB1

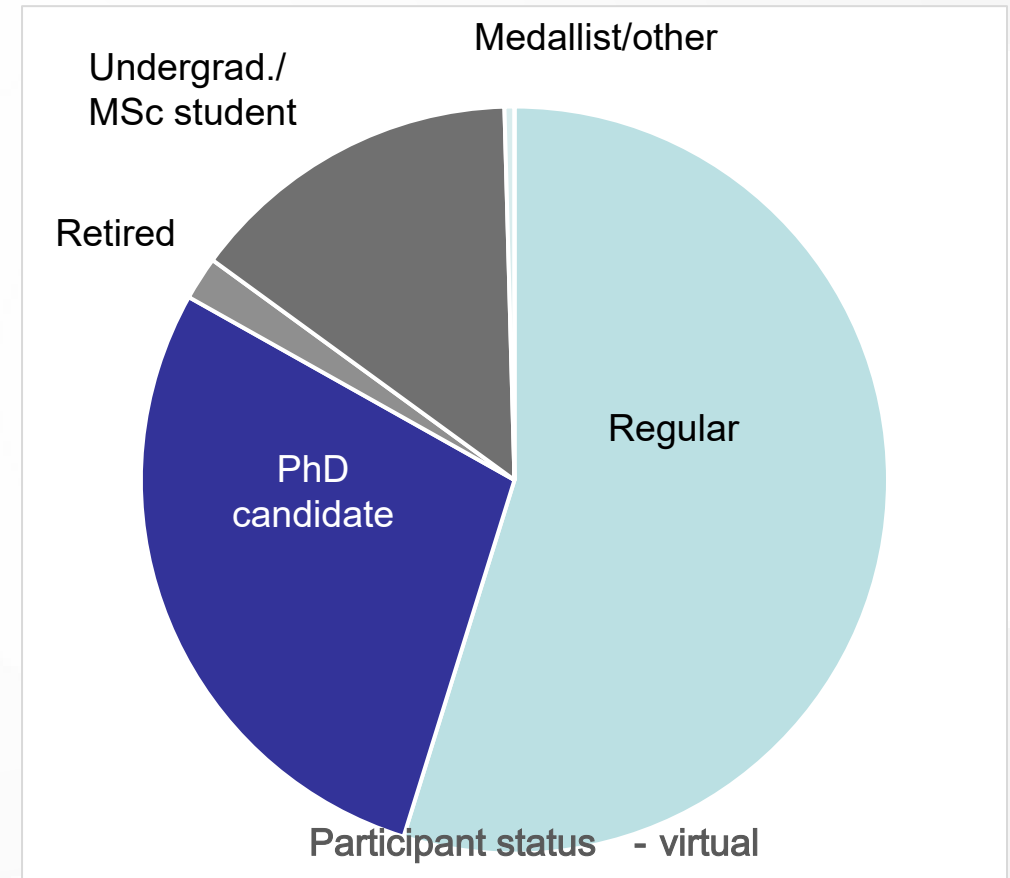
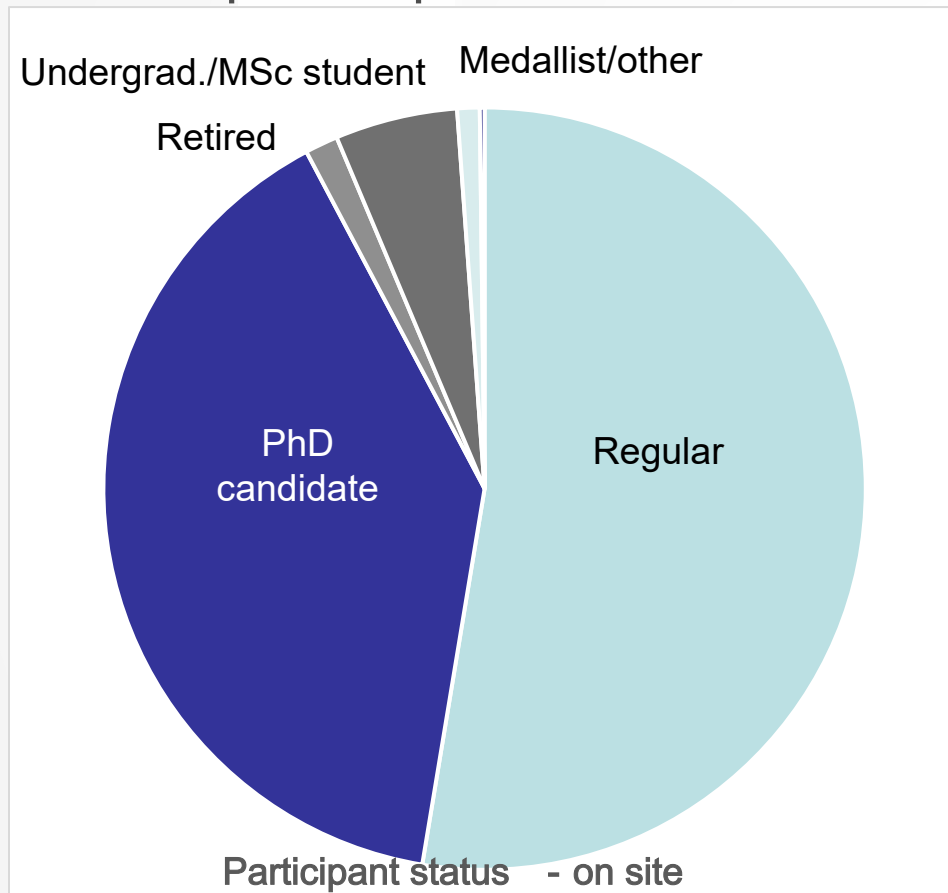
Challenging discrimination in the geosciences: amplifying unheard voices

Convener: Helen Glaves | Co-conveners: Hazel Gibson, Claudia Jesus-Rydin

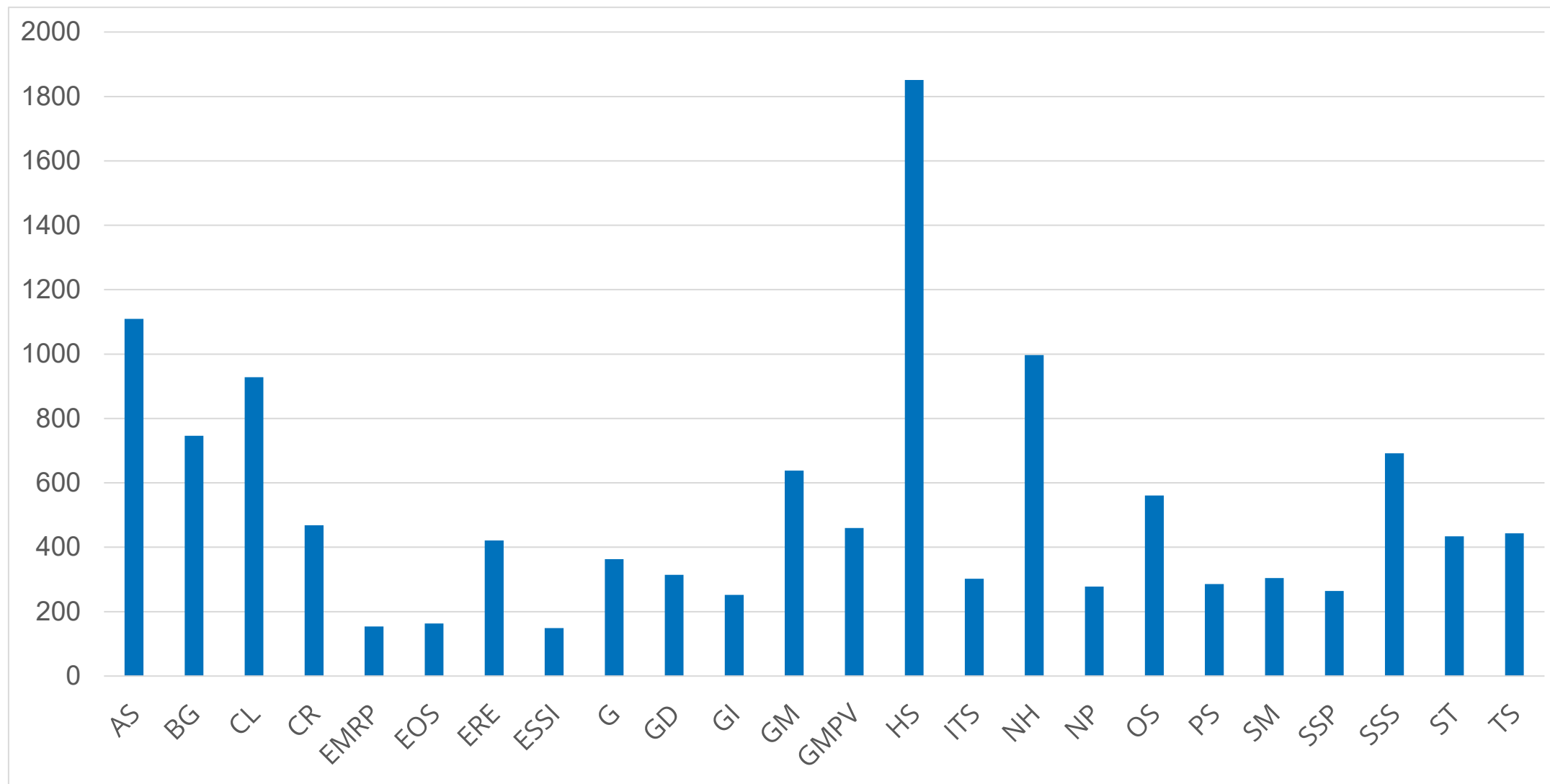
Mon, 26 Apr, 15:00–16:30 (CEST)

EGU22: Registration numbers and breakdown

- 7307 on-site registrations
- On-site participants: 88 countries
- 5695 virtual registrations (20/05 21:00)
- Virtual participants: 107 countries



EGU22: Abstracts per Programme Group



Some TS Program abstract statistics

	2022	2021	2019
Abstracts TS-led sessions	446 (in 23 sessions) 279 by ECS – 67%	795	750
Abstracts including co-organized sessions	1092 (in 53 sessions) 39 abstracts withdrawn	1461	1543
Total abstracts	12,507	18,052	
TS contribution to the GA programme	3.6% (8.7% with co-org)	4.4% (8.1% with co-org)	

The good: we have a nice young ECS participations

The bad: we have decreased our “weight” in the EGU GA programme

No-ugly

TS Division within EGU

	Members	Male	Female	Non-Binary	Prefer not to say
EGU	14940	8856 (60.12%)	5464 (37.09%)	45 (0.31%)	366 (2.48%)
TS Division	1120 (7.5% EGU)	719 (64.89%)	367 (33.12%)	6 (0.54%)	16 (1.44%)

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!

EGU and EGU-sponsored events

NAME	DIVISION(S)	CATEGORY	START DATE	END DATE	LOCATION
CAGE International Conference on 'Methane in a changing Arctic' in Tromsø, Norway	AS BG CL CR ERE GMPV GD GM GI HS NH NP OS SSP TS	External meeting (general only)	14 September 2022	16 September 2022	Tromsø, Norway
Climate Week 2022: World Conference on Climate Change & Sustainability	AS CL CR ESSI EMRP ERE GMPV G GD GM GI HS NH OS PS SM SSS ST SSP TS	External meeting (general only)	1 September 2022	3 September 2022	Mainhaus Stadthotel Frankfurt
2022 Ada Lovelace Workshop on Mantle and Lithosphere Dynamics	GMPV G GD PS SM TS	Ada Lovelace Workshops on Modelling Mantle and Lithosphere Dynamics	28 August 2022	2 September 2022	Hévíz, Hungary
CNDS/EGU Summer School on Natural Hazards in the Anthropocene	AS CL CR ESSI ERE GMPV G GM GI HS NH NP OS SM SSS TS	EGU training school	22 August 2022	26 August 2022	Uppsala, Sweden
Climate Week 2022: World Conference on Climate Change & Sustainability	AS BG CL CR ESSI EMRP ERE GMPV G GD GM GI HS NH NP OS PS SM SSS ST SSP TS	External meeting (general only)	22 August 2022	24 August 2022	Francfort, Germany

EGU23 GA in Vienna

Dates TBA

Thank you and enjoy the meeting!