



Geodesy Division Business Meeting

Annette Eicker

Everywhere, April 22, 2021

- Statistics 2021
- Format vEGU21
- Medals and Awards
 - Vening Meinesz Medal
 - Outstanding Early Career Scientist Award
- Structure of the Geodesy Division
- Report by the Geodesy ECS Representative
- Social media & networking

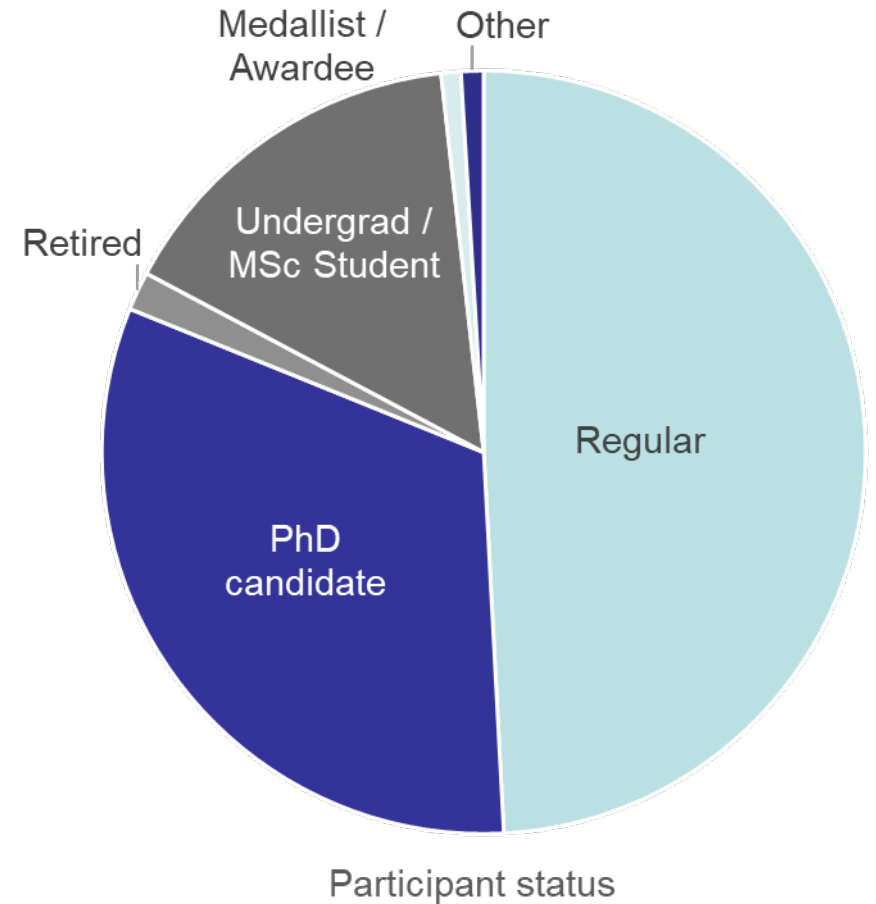
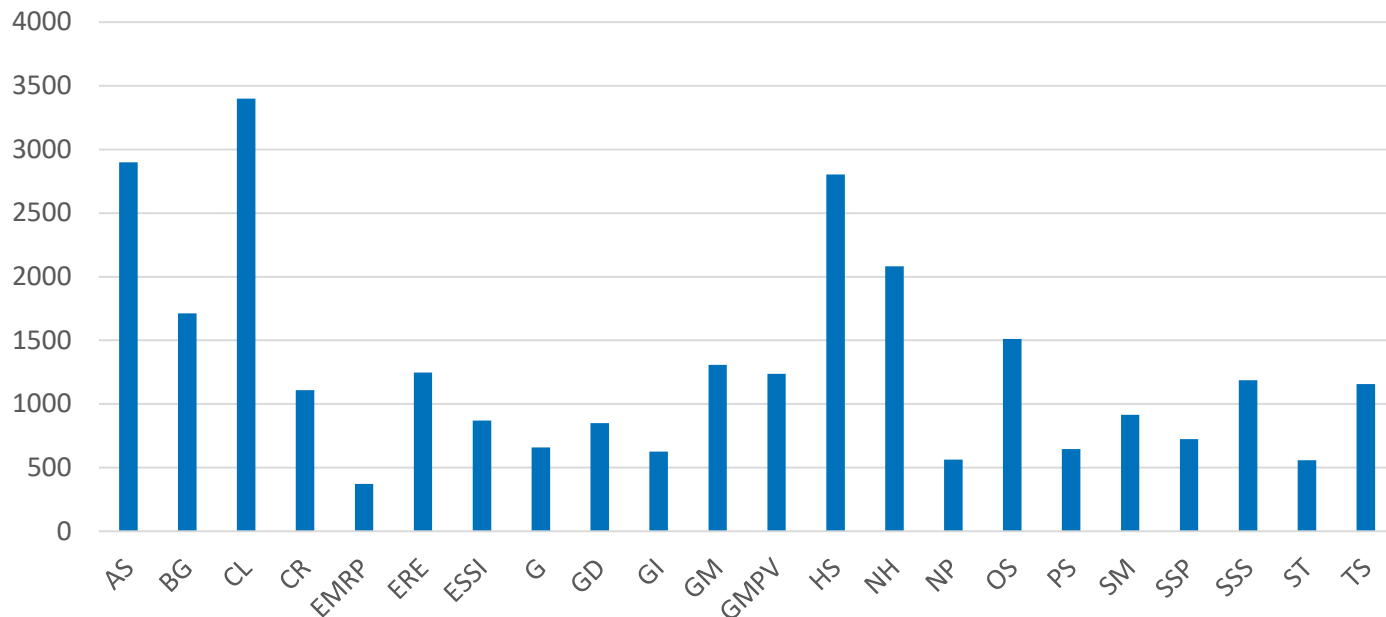
Statistics vEGU21

Registrations

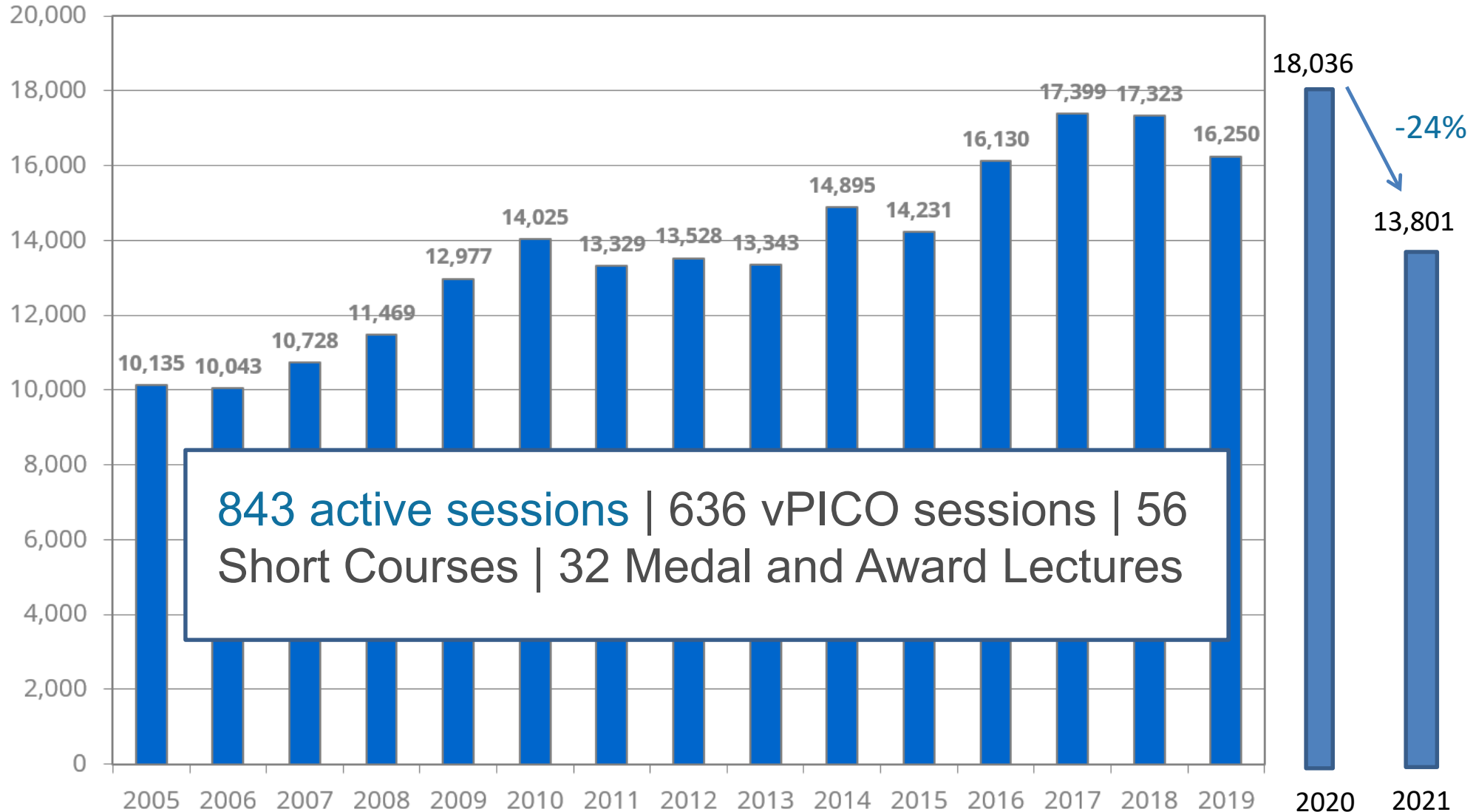
Update: 14,500+ on Wednesday, April 21

- 13,982 registrations (17 April 2021, 11:30)
- Participants from 126 countries

Participants division affiliation

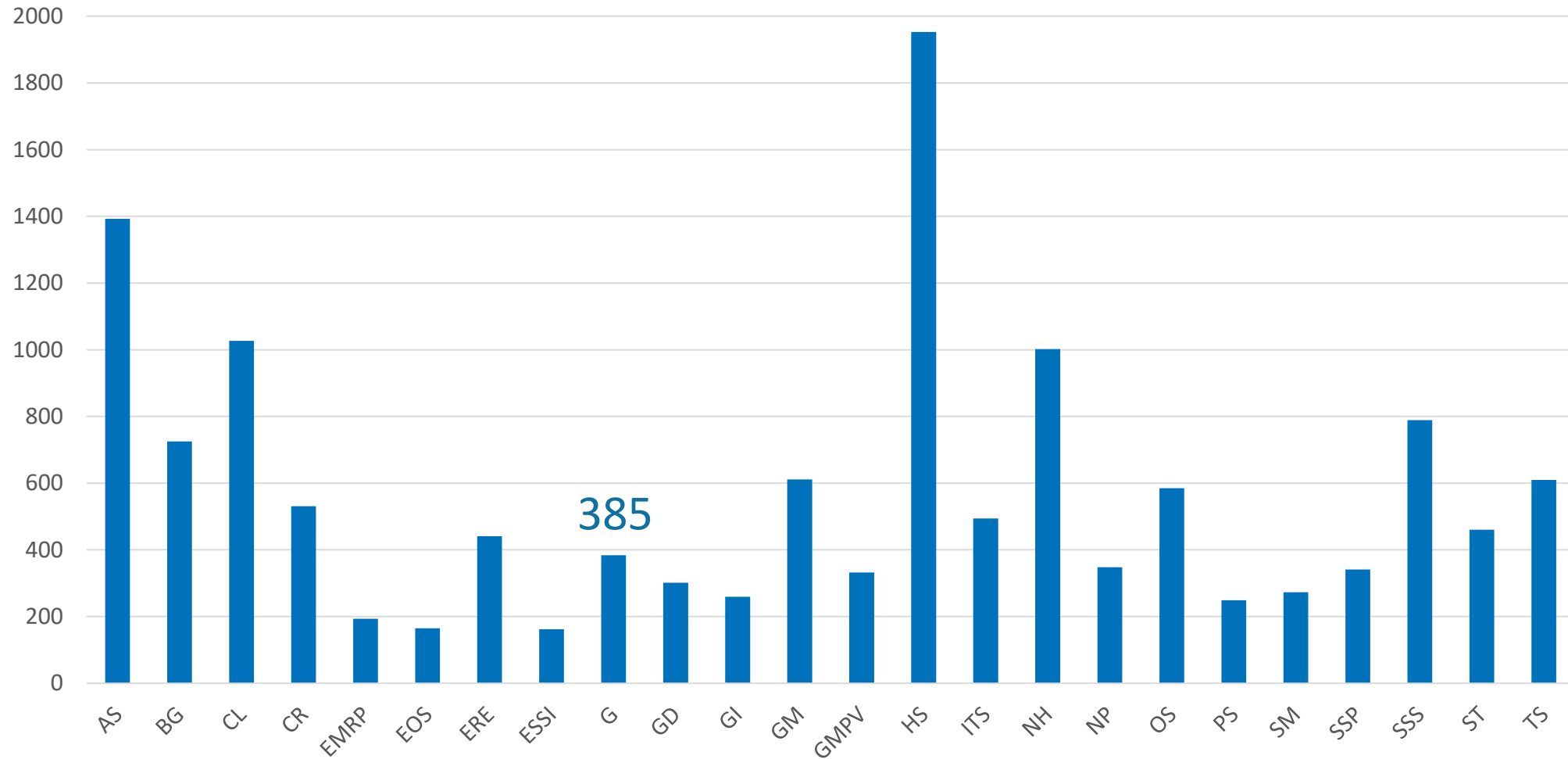


Papers in the programme 2005-2021



(Bars approximately drawn)

Abstracts 2021 per programme group



Statistics 2021 - Geodesy Sessions

Session	Title	coorg.	2021	vPICO time blocks	2020
G1.1	Recent Developments in Geodetic Theory		16	1	20
G1.2	Mathematical Methods ..	x	13	0.5	14
G1.3	High-precision GNSS ..		28	1.5	45
G1.4	Data science and machine learning in geodesy		12	0.5	
G1.5	Local/Regional Geoid Determination ...		14	0.5	
G2.1	The Global Geodetic Observing System ..		16	1	30
G2.2	The International Terrestrial Reference ..		19	1	20
G2.3	New Strategies for Consistent ..		17	1	18
G2.4	Precise Orbit Determination ..		20	1	23
G3.1	Geodesy for Climate Research	x	16	1	32
G3.3	Earth Rotation ..		13	0.5	19
G3.4	Satellite Altimetry ..	x	18	1	20
G3.5	Glacial Isostatic Adjustment...	x	18	1	16
G3.6	Seismo-geodesy...	x	27	1,5	
G4.1	Modern Concepts for Gravimetric ...		20	1	22
G4.2	Satellite Gravimetry ..		26	1.5	48
G4.3	Acquisition and processing ..	x	21	1	15
G4.4	New Tools for Terrain Gravimetry		12	0.5	20
G5.1	Ionosphere, thermosphere,...		21	1	30
G5.2	Atmospheric and Environmental ..	x	27	1.5	38
G6.3	Open Session ..		11	0.5	17
			385	20	489

Statistics 2021 - Geodesy Sessions

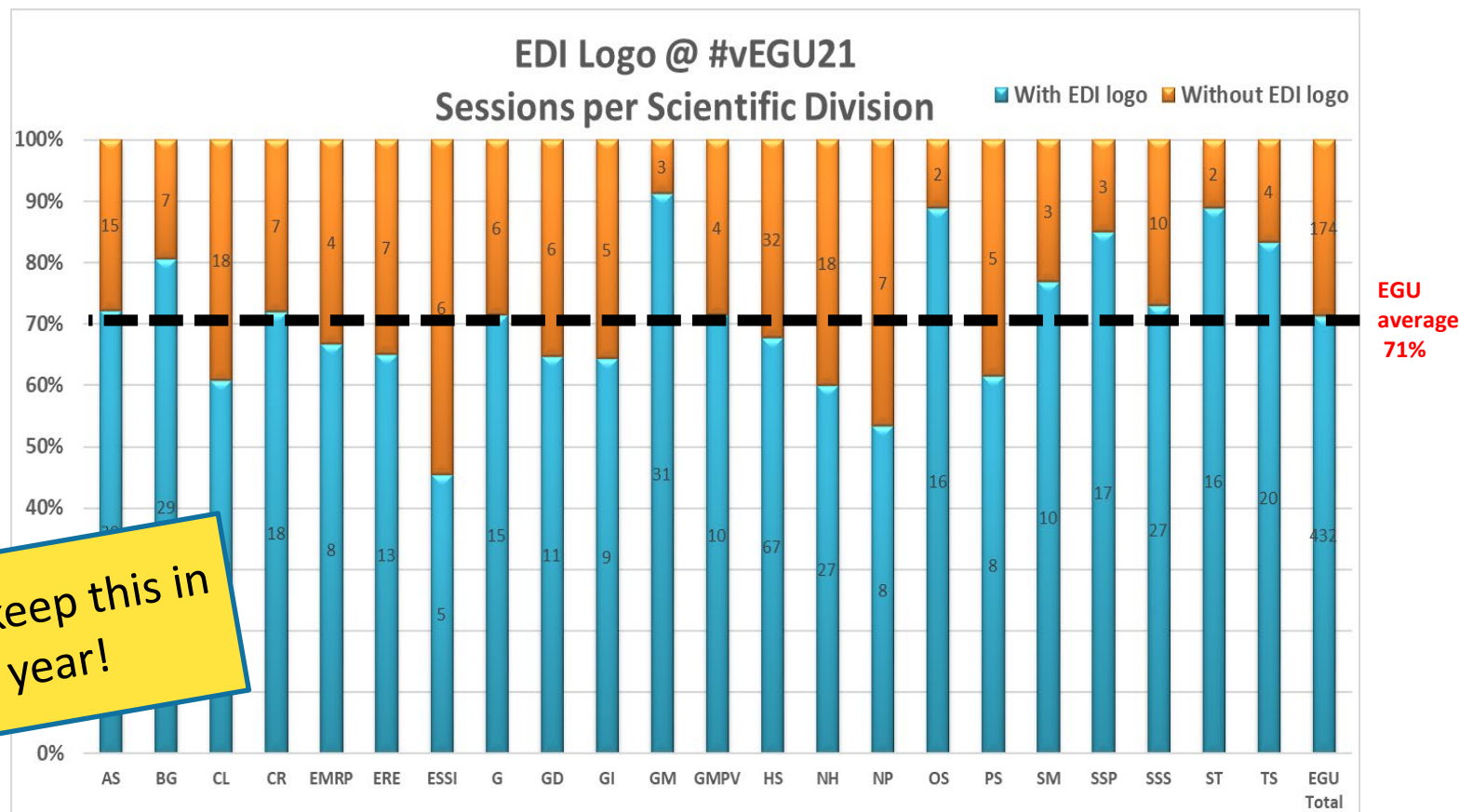
EDI



Equality, Diversity, Inclusion

Session	Title	coorg.	2021	vPICO time blocks	2020
G1.1	Recent Developments in Geodetic Theory		16	1	20
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G2.2	The Internationa				
G2.3	New Strategies f				
G2.4	Precise Orbit Det				
G3.1	Geodesy for Clim				
G3.3	Earth Rotation ..				
G3.4	Satellite Altimetr				
G3.5	Glacial Isostatic A				
G3.6	Seismo-geodesy.				
G4.1	Modern Concept				
G4.2	Satellite G				
G4.3					
G4.4					
G5.1					
G5.2	Atmospheric and				
G6.3	Open Session ..				
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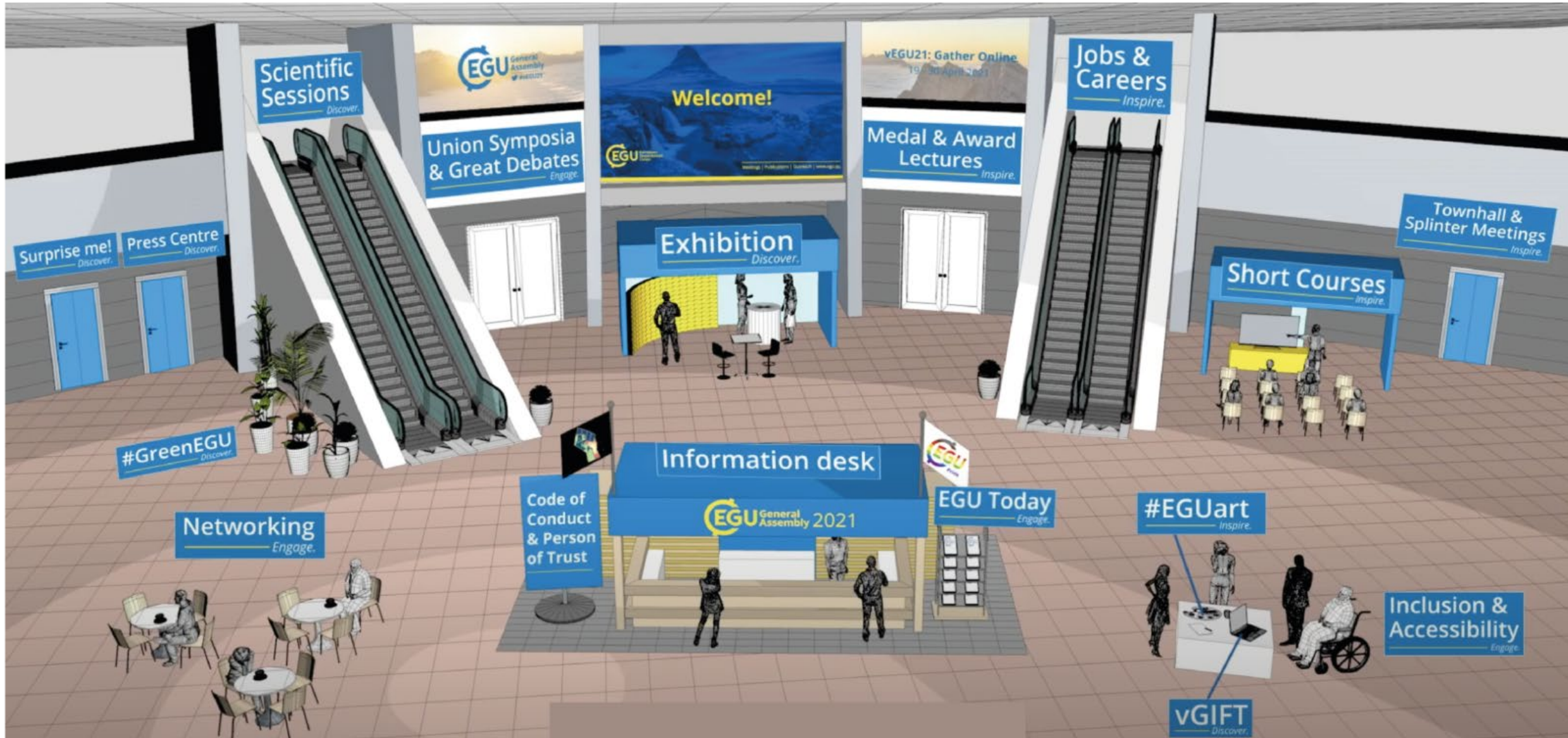
Sessions fulfilling EDI criteria (affiliation, career stage, gender)



Convenors: Please keep this in mind for next year!

Format of vEGU21

Format of vEGU21: Virtual conference center



All presentations are **vPICO**s!

Display materials

- Upload in advance (modify until 31 May 2021)
- Interact via comments!

During your scheduled session

2-minute summary Live Presentation

- 1 slide for a 2 minute talk
- Must upload at least 24 hours before scheduled session



Longer, detailed text chat about display materials

- Discuss display materials uploaded
- Every author has their own text chat

What's going on each day? => **EGU Today: EGU's daily newsletter**

You can **access** the current and all previous issues or **subscribe** to the forthcoming issues:

EGU Today – your daily newsletter at vEGU21

EGU Today is EGU's daily newsletter at the General Assembly, with 10 issues in 2021. It highlights interesting sessions, especially those aimed at a broad, multidisciplinary audience, medal lectures, short courses, and other events.

Read EGU Today of 22 April

Subscribe to EGU Today

Landing page - www.egu21.eu



Medals and awards

- The **2021 Vening Meinesz Medal** is awarded to **Christopher Jekeli** for his pioneering work on theory, methodology, and application of geodetic measurement techniques, in particular to determine the Earth's gravity field using spaceborne, airborne, and terrestrial sensors.
- Division Medal Ceremony and Medal Lecture
 - Thursday, April 22 (today!!)
 - 3 p.m. (CEST): **2020 medal lecture (Willi Freeden)**
 - *Decorrelative Mollifier Gravimetry*
 - 4 p.m. (CEST) **2021 medal lecture (Chris Jekeli)**
 - *The Deflection of the Vertical, from Bouguer to Vening-Meinesz, and Beyond – the unsung hero of geodesy and geophysics*



This afternoon!!

- The **2021 Division Outstanding Early Career Scientists Award** is awarded to **Anna Kłos** for her outstanding contributions to time series analysis and the application of geodetic parameters for climate research.



- ECS Award Presentations
 - **2021 ECS Award Presentation: Anna Kłos**
 - Wednesday, April 28, 2:20 p.m., Session G1.3
 - *Benchmarking GPS stations: an improved way to identify the GPS sensitivity*
 - **2020 ECS Award Presentation: Karina Wilgan**
 - Thursday, April 29, 2:15 p.m., Session G5.2
 - *Tropospheric products as a signal of interest – overview of troposphere sensing techniques*

Medals and Awards

How to nominate?

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

When: from now to June 15

What is required:

ECS = up to **7 years** since highest degree (Jan. 1st of year the award is presented). Can be extended (child care, illness, etc.).

	Division and Union Medals e.g. Vening Meinesz Medal	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 (max 1 page each)	-

Please contribute by
nominating your colleagues!!

Medals and Awards

How to nominate?

← → ↻ 🏠 🔒 https://www.egu.eu/awards-medals/nominations/ 📄 ⋮ 📄 ⭐ ⏴ ⏵ 📄 📄 📄

Submit a new nomination

Awards & medals nominations for the year 2022 are **currently open**. The deadline for submissions is 15 June 2021. Please read the guidelines above carefully before submitting a nomination.

EGU members can nominate candidates for all EGU awards and medals. If you are an EGU member, please use the [members' awards & medals nomination form](#) to propose a candidate for the year 2022.

Non-EGU members can only nominate candidates to the EGU Angela Croome Award. If you are not an EGU member, please use the [public nomination form](#) to propose a candidate for the Angela Croome Award for the year 2022.

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

Nomination letter,
CV, bibliography

Nomination details

Award ▪

Select the award for which you are nominating a candidate. Please note that several awards, including Julius Bartels Medal, Petrus Peregrinus Medal and Runcorn-Florensky Medal, are only offered in alternating years and will not appear in the menu during an off year.

Division Outstanding Early Career Scientist Awards

Division

Geodesy (G)

Name (nominee) ▪

Email (nominee) ▪

Postal address (nominee) ▪

Date highest degree qualification obtained

YYYY-MM-DD

Nomination package ▪

Either upload a single PDF file or a ZIP/TAR/TGZ archive containing multiple PDF documents (max. file size 50 MB)


Browse... No file selected.


Outstanding Student and PhD Candidate Presentation (OSPP) Award

- There was no OSPP competition in 2020
- But there is one this year! => vOSPP

(Almost*) Everyone can vote!
Please vote by April 30th.

*) if you are not a BSc, MSc, PhD student, co-author or from the same affiliation

 (Only visible after upload!)

14:30-14:32 | EGU21-XXX ★ | ECS | vOSPP 

Very nice title of a very nice presentation

Contact author, Another Author, Third Author

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Post a comment

vOSPP judging 

vOSPP judging on display materials

Please rate the display materials with regarding to the 3 given criteria. Hereby, 0 fulfils a criterion the least and 10 fulfils it the most. You can adjust your vote at any time before 30 April 2021.

Relevance of the study



Scientific accuracy



Clarity of presentation



Goal: 5 votes,
Minimum: 3 votes

Convenors: Please make sure every vOSPP presentation in your session gets enough votes!

Submit vote

Structure of the Geodesy Division

Structure of Geodesy Division

- **President:**

- Johannes Böhm (2017 - 2021)

(Outgoing)

- **Deputy President:**

- Annette Eicker (2018-2021)

- **Science Officer**

- Adrian Jäggi (2018 - 2021)

- **Early Career Scientists Representatives**

- Katrin Bentel (2017 - 2018, 2020 - 2021)

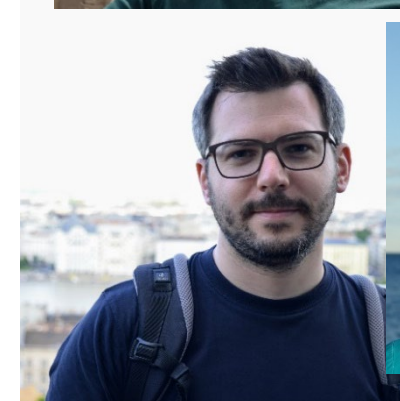
- Mathis Bloßfeld (2018 - 2020)



Thank you!!

Structure of Geodesy Division

- **President:**
 - Annette Eicker
(HCU Hamburg, Germany, 2021 - 23)
- **Deputy-President**
 - Roelof Rietbroek
(Uni Twente, Netherlands, 2021 - 23)
- **Science Officers**
 - Xavier Collilieux (ENSG/IPGP, France, 2021 - 23)
 - Anna Klos (Military Univ. of Tech., Poland, 2021 – 23)
- **Early Career Scientists Representatives**
 - Rebekka Steffen (Lantmäteriet, Sweden, 2021-22)
 - Andreas Kvas (TU Graz, Austria, 2022-23)



Meet the Geodesy Division Team: Thu, 29 Apr, 14:30–15:30 CEST (Pop-up Networking Event)

Structure of Geodesy Division

- Next election of the Geodesy Division President this autumn!
 - A. Eicker can be re-elected
- President-Elect from 2022 - 2023, starting as Division President with GA 2023
- Send nominations until September 2021.

- **Vening Meinesz Medal Committee**
 - Voting: Four past medalists and past president (J. Böhm)
 - Non-voting (ex officio): Division President and EGU Award Committee Chair

- **Committee 2022:**
 - Chris Jekeli
 - Willi Freeden
 - Tonie van Dam
 - Markus Rothacher
 - Johannes Böhm (Chair)
 - Ex officio (not voting): Annette Eicker, Thomas Blunier

- **Programme Committee**
 - Division President (Chair) + Deputy-President + Science Officers
- **Outstanding Early Career Scientist Award**
 - Division President (Chair) + Deputy-President + Science Officers

ECS Report

Report by the Geodesy ECS Representative

- Very active ECS reps community, **working groups** on different topics, like:
 - Connectivity
 - Jobs and Careers
 - ECS Role in EGU
 - Work life balance
- More **ECS positions** in EGU structure
 - Secretary/Treasurer Position
 - 1 or 2 ECS in outreach committee (not confirmed yet)
- Council vote to have all ECS reps organized as an **ECS committee** (Feb 2021)
- Very **well connected** now to other reps through a slack chat and frequent zoom meetings

Outgoing ECS Reps:



Katrin Bentel

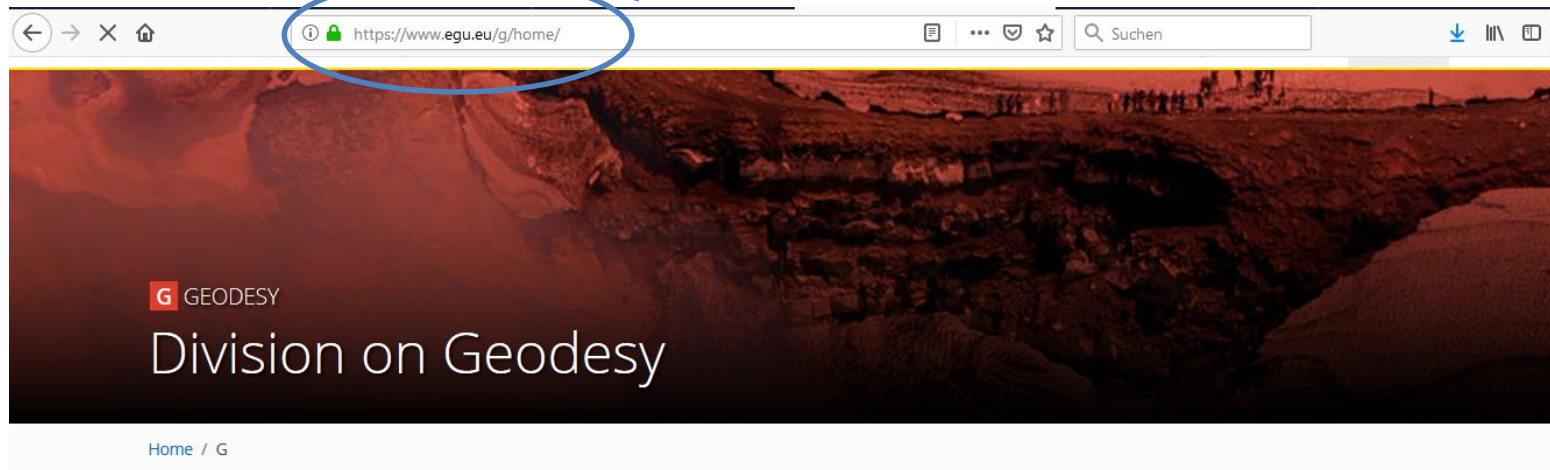


Mathis Bloßfeld

Early Career Scientists

- Your new reps, if you don't know us yet...
 - Rebekka Steffen (rebekka.steffen@lm.se)
 - Andreas Kvas (kvas@tugraz.at)
- How to get connected?

www.egu.eu/g



President: Johannes Böhm (g@egu.eu)
Deputy President: Annette Eicker (annette.eicker@hcu-hamburg.de)

Traditionally geodesy is the science of the measurement and the mapping of the Earth's surface. Since the surface is mainly shaped by the Earth's gravity field the classical definition includes the Earth's gravitational potential. Observing the Earth figure, the orientation and rotation as well as the gravity field, geodesy today provides spatial and temporal patterns of geophysical processes within the Earth system such as sea level rise, tides, melting of continental ice masses, changes in global water circulation and in the atmosphere or deformations of the solid Earth. Consequently, the geodesy division covers activities on the whole spectrum of modern geodetic Earth system modeling from the measurement systems to the investigation of geophysical processes.

Find G on



Subscribe to

- EGU newsletter
- G mailing list
- G-ECS mailing list

Sign up for
geodesy mailing
lists!



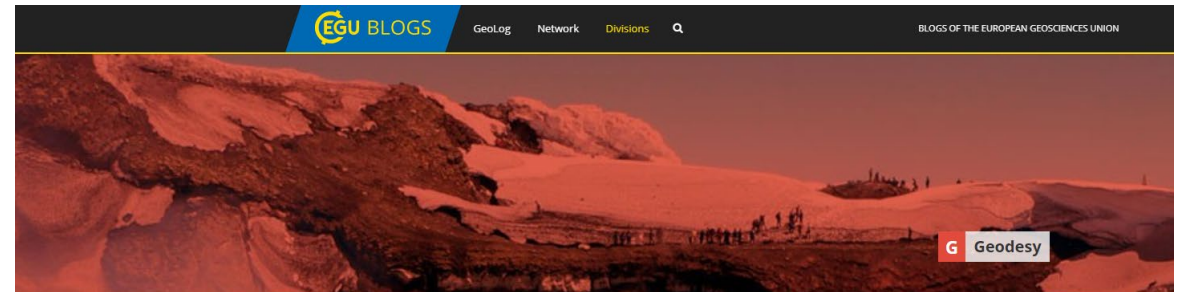
Rebekka Steffen



Andreas Kvas

Geodesy ECS activities in the upcoming year (2021-2022)

- Reactivating Geodesy division **blog**:
 - Let us know, if you want to contribute as an author or editor!
- **Geodesy 101 short course** at the EGU 2022 GA:
 - We are open for topic suggestions
- Establishing **Networking Events** throughout the year for ECSs



EGU Blogs » Divisions » Geodesy

Geodesy

What's up for geodesy during the upcoming vEGU21?

Rebekka Steffen, Andreas Kvas, Katrin Bentel and Mathis Bloßfeld - April 17, 2021



This year's EGU General Assembly (GA) will be

We need a new early career scientist representative!

Katrin Bentel - October 23, 2020



The general assembly 2021 is approaching. Annette Firkar will take over as new division

ABOUT

Welcome to the blog of the Geodesy (G) Division of the European Geosciences Union (EGU). The blog serves to keep you posted on current research, news from the division and interesting geodesy-related topics in general. It will also give room to feature young (early-career) scientists and their science. The blog is maintained by Katrin Bentel and Mathis Bloßfeld, cooperating closely with the geodesy division president and deputy presidents.

SUBSCRIBE TO BLOG

Your email:

We need your help!!! Interested in joining the **G division ECS team**, contact us...

Social media and networking

Social Media

- Several ways to follow the activities
 - Social Media (@EGU_Geodesy), Webpage, Blog (g.egu.eu)



Tweeting about #vEGU21?

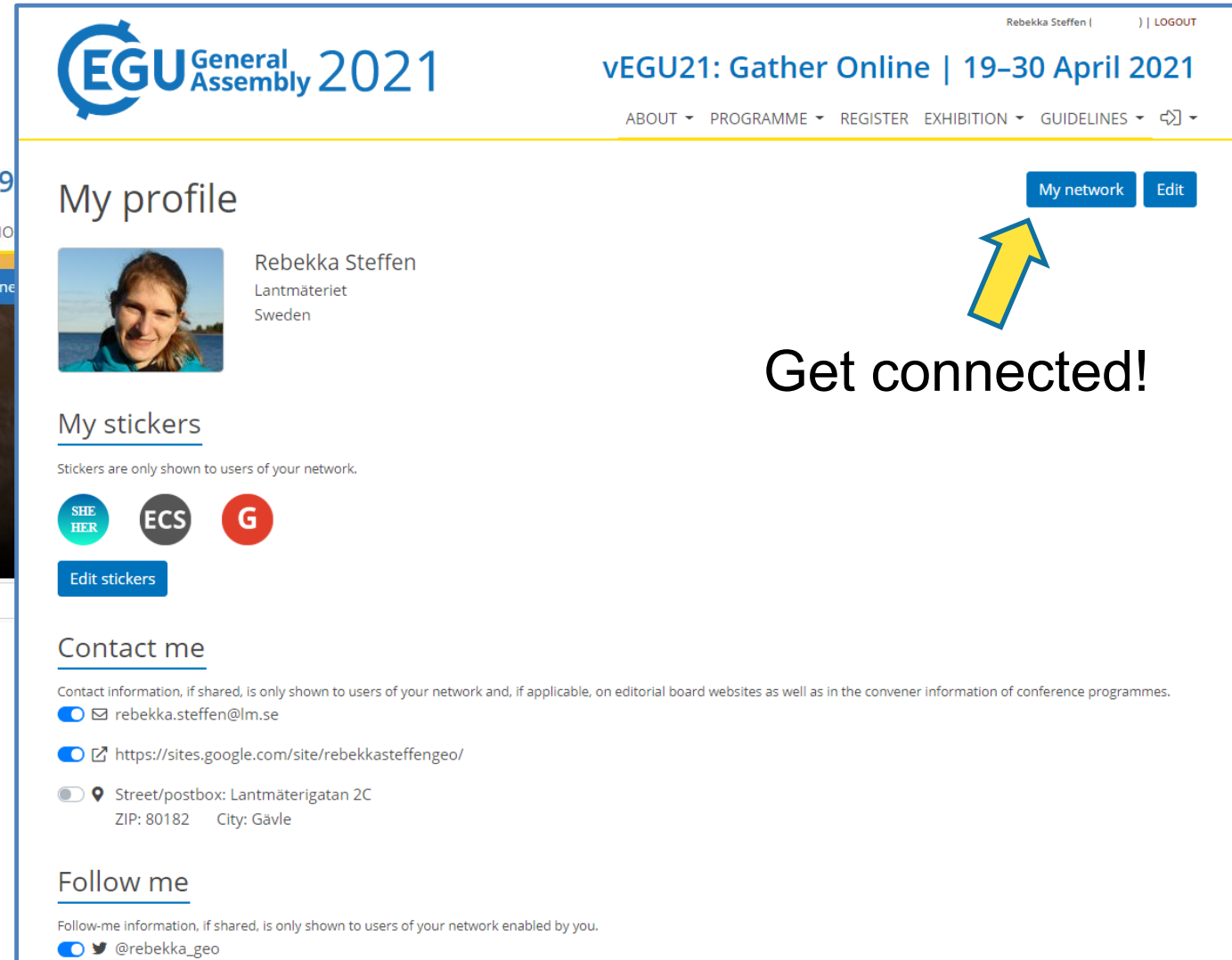
⇒ #vEGU21_G

⇒ Tag us: @EGU_Geodesy

Have you already set up your EGU profile?



Profiles will also stay available after #vEGU21.



Get connected!



Tonight!

Geodesy Reception

Thursday, April 22, 19:00 CEST

Unfortunately not at TUtheSky in Vienna....

...but on **gather.town**.

(See EGU program, Session NET31, „G-event for all division members“)

Geodesy Reception

gather.town



And next year?

EGU General Assembly 2022

April 3-8, 2022

Hopefully as a hybrid meeting with an in-person component in Vienna