

The Flux Line

News of the Geomagnetism, Paleomagnetism and Electromagnetism Section of AGU

November 2020

Remarks from the President

Greetings to all! The main purpose of this shorter-than-usual Fluxline is to make sure that everyone has access to an easy quick-look “what’s when and how to” for the Virtual Fall AGU Meeting that starts Wednesday.

What a year ... Even without a worldwide pandemic 2020 has been a hectic year on the AGU front with the final steps for the AGU Council and Board in the development of AGU’s Strategic Plan (<https://www.agu.org/Learn-About-AGU/About-AGU/About/Strategic-Plan>), the strong focus on Diversity, Equity and Inclusivity concerns, continued development of AGU Connect (AGU’s networking and development platform), and the search for our new CEO, Randy Fizer, following the announcement late last year that former CEO Chris McEntee would leave AGU at the end of March 2020. We are very grateful to Julie Freeman who served as interim CEO during the challenging months of April to mid-August.

In that context, accomplishing the pivot of our traditional in-person meeting that would have been held again in San Francisco to a completely virtual Fall AGU has been an enormous effort on the part of AGU staff and volunteers from our community. We are extremely grateful to Ioan Lascu for his efforts on behalf of GPE in this regard. This also gives me a chance to thank our new social media reps: Ankit Barik and Jiajia Sun. Among the many things due unexpectedly in October and early November for the Fall Meeting was a 1-minute video from each section for the AGU Roll Call. Thanks to all those who responded to request for content, and especially to Ankit for taking a weekend to turn these contributions into the GPE video. Come to the GPE Business Meeting to see the uncut version! Following this introduction is a quick-look guide to all things GPE-related at the Fall Meeting.

Despite all the challenges this year has brought, we continue to have much to celebrate including extending warm congratulations to our 2019 OSPA awardees (Johannes Kaüfl, William Davies, Christina Verhagen, and Marie Laugie), our 2020 GPE Fellow (Barbara Maher), the Gilbert Awardee (Roger Fu) and Bullard Lecturer (Andrew Roberts). In particular huge thanks to Andrew Roberts, because of course the Named Lectures were recorded, requiring speakers to be ready with their talks almost two months ahead of the original AGU dates. We also congratulate our incoming GPE President-Elect (Suzanne McEnroe) and Secretary (Paul Bedrosian), and thank John Tarduno and Lennart DeGroot for running as GPE candidates.

As the end of the year approaches it’s time to start thinking about nominating your colleagues for various AGU awards including Fellowship of the AGU. GPE now has a Section Canvassing Committee to encourage nominations for awards for under-represented groups, and we are looking for volunteers to serve on this for 2020-2021. If you have suggestions for award /

The Flux Line

News of the Geomagnetism, Paleomagnetism and Electromagnetism Section of AGU

November 2020

recognition nominees, please let any of the people on the current canvassing committee or me know and we can follow up with potential nominators.

Finally, I'd like to extend a personal thanks to all those who have served on GPE committees during this busy year.

With best wishes to all, for safe, happy and healthy end to the work year.

Catherine Johnson (GPE President)

Executive Committee

Catherine L. Johnson (President)

France Lagroix (President-Elect)

Ioan Iascu (Secretary)

Laurie Brown (Past President)

Ken Kodama (Fluxline Editor)

Katarina Petronotis (Web Page Editor)

Ankit Barik (Social Media Representative, Web Page Editor)

Jiajia Sun (Social Media Representative, Web Page Editor)

Annemarieke Béguin (Student Representative)

Lennart de Groot (Young Scientist Representative)

Fellows Committee and William Gilbert Award Committee

France Lagroix

Kathy Whaler

Dominique Jault

Fall Meeting Program Committee

Ioan Iascu

Canvassing Committee, 2019-2020

Laurie Brown (Chair)

Martyn Unsworth

Jon Aurnou

Canvassing Committee, 2021-2022

Catherine Johnson (Chair)

The Flux Line

News of the Geomagnetism, Paleomagnetism and Electromagnetism Section of AGU

November 2020

The GPE Executive Committee is a ten-person committee providing discussion, feedback, and suggestions concerning GPE activities, procedures, and governance. Membership includes the elected GPE officers (President, President-Elect, Past President, and Secretary) as well as several appointed positions, with terms of office running for two years. The section website manager and the Fluxline editor are two such positions. Two other positions are the student representative and the early career representative, as outlined below:

Student Rep: This position should be a graduate student pursuing research in a subject covered by GPE, and expecting to be a student for the next two years. Traditionally the student rep, with help from the rest of the executive committee, organizes the GPE student mixer at the Fall meeting.

Early Career Rep: This position is for a GPE member who is in the first ten years of employment in a GPE field including academia, industry, or government agencies.

The 2020 AGU Fall Meeting (#AGU20) is at our doorstep!

When ?	December 1st through 17th
Where?	Access the meeting @ https://www.agu.org/Fall-meeting
How ?	Use your AGU login. Check or reset password @ https://www.agu.org/Login problems logging on, send a message to : service@agu.org
What ?	Full program @ https://agu.confex.com/agu/fm20/meetingapp.cgi/Home/0

The Flux Line

News of the Geomagnetism, Paleomagnetism and Electromagnetism
Section of AGU

November 2020

GPE Events and Programming At-A-Glance **(All Times US Pacific Time Zone)**

GPE Student and Early Career Event December 3rd @ 1 – 3 pm (LIVE)
GPE Business Meeting & Reception December 8th @ 8 – 9 am (LIVE)
Edward Bullard Lecture December 15th @ 4 – 5 pm (LIVE Q&A)

Pre-recorded (15 min) oral talks, e-lightnings and posters are available for viewing at all times from December 1 – 17.

	December 14th	December 15th	December 16th
Orals & e-Lightning (LIVE) short summary talk + Q & A	7:00 – 7:30 am <i>Magnetic Chronostratigraphy</i> 8:30 – 9:30 am <i>Fundamental mineral & rock magnetism</i> 10:00 – 11:00 am <i>Frontiers in Electromagnetic Geophysics I</i>	4:00 – 5:00 am <i>Frontiers in Electromagnetic Geophysics II</i> 4:00 – 5:00 pm <i>Bullard Lecture</i> 8:30 – 9:30 pm <i>Paleointensity: Models, Simulations, Instruments, Experimental Methods, & Results</i>	11:30 am – 12:30 pm <i>Planetary Magnetism</i> 5:30 – 6:30 pm <i>Examining Magnetic Features of Environmental & Biological Processes</i>
POSTERS Live chat with presenter during designated times	<i>Fundamental mineral & rock magnetism</i> <i>General Contributions in GPE</i>	<i>Frontiers in Electromagnetic Geophysics</i> <i>Paleointensity: Models, Simulations, Instruments, Experimental Methods, & Results</i>	<i>Planetary Magnetism</i> <i>Examining Magnetic Features of Environmental & Biological Processes</i> <i>Magnetics and electromagnetics at sea: from seafloor spreading to mineral exploration</i> <i>Recent Progress in Research of Geomagnetically Induced Currents: From Sources to Impacts</i>

Outstanding Student Presentation Award

Sign up to be a judge and @ <https://www.agu.org/Learn-and-Develop/Learn/Student-Competitions/OSPA> and get informed on OSPA's virtual format.

Throughout the meeting follow GPE Fall Meeting Communications via AGU Connect (<https://connect.agu.org/home>) & Twitter (@AGUmagnetism)