Atmospheric and Space Electricity (ASE) Section Newsletter
Volume 4, Number 1, February 2020

If you have an announcement to include in the next newsletter, you can fill out the Web form [here](#).

**Declarations & Events**

- **18 February 2020**: Abstract deadline for joint [JpGU-AGU Meeting](#).
- **15 March 2020**: AGU [Fellows nominations](#) due.
- **15 March 2020**: AGU [Awards, Medals & Prizes](#) nominations due.
- **29 March 2020**: Registration deadline for CTRWIAE [Workshop](#) on 'Radio Observations and Theory of Atmospheric Discharge Processes'.
- **30 March 2020**: Registration deadline for Nonlinear Phenomena in the Atmosphere and Ocean ([NWP-3](#)) conference.
- **15 April 2020**: Nomination deadline for the [ASE Early Career Award](#).
- **3 – 8 May**: EGU General Assembly. Vienna, Austria
- **24 – 28 May**: JpGU-AGU Meeting. Chiba, Tokyo, Japan
- **29 June – 3 July**: CTRWIAE Workshop on ‘Radio Observations and …’ University of Bath, UK
- **17 – 23 July**: NWP-3 Conference, from/to St. Petersburg, Russia
- **29 August – 5 September**: URSI General Assembly and Scientific Symposium. Rome, Italy

**Upcoming Meetings**

- Make plans to attend the [EGU General Assembly 2020](#) in Vienna (Austria) 3–8 May 2020. The meeting brings together geoscientists from all over the world and covers all disciplines of the Earth, planetary, and space sciences. View the description for session [NH1.3: "Atmospheric Electricity, Thunderstorms, Lightning and their effects."](#)

- The [joint JpGU-AGU Meeting](#) will be held in Chiba, Tokyo on May 24-28th 2020. A session on "Effects of lightning, severe weather and tropical storms" will cover thunderstorms & lightning and their atmospheric effects. Conveners are seeking contributions on convective
storm evolution, forecasting, global lightning patterns in an era of climate change, satellite-based studies of thunderstorms, as well as urban effects on lightning, and public safety from lightning danger. Abstract submission closes 18 February 2020.

- A Workshop on 'Radio Observations and Theory of Atmospheric Discharge Processes' will take place at the University of Bath, UK, from June 29 - July 3, 2020. This workshop will cover observations, theory, instrumentation, data analyses, and their scientific interpretation, with the aims to stir in-depth discussions and to identify critical open questions and promising future developments to advance the field. A full description is available, along with a list of invited speakers. If you are interested to attend, register here. The deadline is 29 March 2020.

- A conference on Nonlinear Phenomena in the Atmosphere and Ocean (NWP-3) will be held 17 - 23 July 2020. It is part of International Symposium "Topical Problems of Nonlinear Wave Physics" (NWP-2020) and will be held on board a cruise-boat starting and ending in St. Petersburg (Russia). The NWP-3 scope includes ocean, atmosphere, and climate dynamics. Deadline for registration and summary submission is 30 March 2020.

- The 3rd International Symposium on Lightning and Storm Related Phenomena (ISL-SRP 2020) will be held in Aurillac (France) June 3-4, 2020. The deadline for abstract submission is 11 April 2020.

Executive Committee Announcements

- Outstanding Student Presentation Award Winners... The judging sheets have been tallied, and the results are final! Congratulations to:
  - Reza Janalizadeh Choobbasti, Pennsylvania State University, for "Photodetachment of electrons at sprite altitudes by visible and UV emissions of molecular nitrogen as a mechanism of initiation of sprite streamers"
  - Reyann Larkey, Montana State University, for “Evidence for Extended Charging Periods Prior to Terrestrial Gamma-Ray Flashes"
  - Jacquelyn Ringhausen, University of Alabama in Huntsville, for “Flash Type Classification of GLM Flashes"
  - Honorable mention to Sarah Fairman, University of
OSPA Coordinator Sonja Behnke and the entire Exec Comm extend a big THANK YOU to all the judges! The large group of excellent students competing this year meant for a difficult job of choosing best of the best. Thanks to all the students who participated!

- To all who attended, THANK YOU for making the 2019 Fall Meeting a success! And a special THANKS to all the Centennial speakers who did a wonderful job representing our section and our science to the AGU audience. For those who missed them, the Beyond Earth Centennial Central sessions and the 2019 Franklin Lecture are viewable on YouTube (in a [2019 Fall Meeting: Earth Sun & Planets](#playlist).

- It is not too soon to start thinking about the next Fall Meeting! If you have ideas for a session at the 2020 Fall Meeting, the submission period for session proposals opens 19 February and closes 15 April. The meeting is in San Francisco on 7-11 December 2020.

- We are (always) seeking volunteers!

  - **Section Leadership** elections for ASE President-elect and Secretary, 2021-2022, are coming up later this year. There are also Early Career and Student member opportunities on the AGU Council and Board. If you are interested in serving, let Morris Cohen or Maribeth Stolzenburg know before March 1st.

  - **Section and Union Selection Committees** for awards and honors are another great way to get involved. Let us know if you are interested in any ASE or AGU-wide committee service!

- The second (ever) **ASE Early Career Award** will be given this year! Eligible candidates are ASE primary affiliates within 10 years past receiving their PhD or other terminal degree. The nominating process is streamlined, but nomination packages must be received online by 15 April 2020.
Consider nominating a deserving colleague for an AGU Award, Medal, Prize, or Fellow position this year. Nominations for AGU Fellows are due 15 March. The deadline for other AGU honors is 15 March.

Open Call: Don MacGorman and Eric Bruning are starting to revise The Electrical Nature of Storms, which Oxford University Press published >20 years ago. They will be searching through the literature published since 1996 to update the book. The ASE community has made considerable progress since then... You can ensure they consider your papers by sending them a bibliography of everything relevant that you have published since 1996. It would help even more if you send electronic copies of your papers. Please send bibliographies and/or electronic copies to Don or Eric. They thank you.

Interact with the ASE Section

- Website: Check out the new site & let us know what you think of it.
- Announcement submission: If you would like us to help get the word out about upcoming meetings, workshops, field projects seeking collaborators, or other important news, send us your request. You can also contact Maribeth Stolzenburg directly with newsletter suggestions.
- Twitter
- Facebook

ASE Executive Committee members can be reached by a single email:

Maribeth Stolzenburg, President
Morris Cohen, President-elect
Sonja Behnke, Secretary
Timothy Lang, Past President
Brant Carlson, Web Editor