

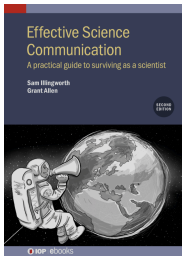
SCEC2023 Poster Session Guide

August 2023

www.scec.org/meetings/2023/am

Our goal is to communicate our science effectively and to engage the community during our meetings. A good presentation can help to ensure uptake of results by the audience, stimulate new ideas and approaches, explain the relevance of the results, and build support for future collaborations and funding. Your audience of 400+ participants at SCEC2023 are clever and extremely curious about earthquakes. They include many students, scientific peers, potential collaborators, decision makers, and sponsors who may or may not be trained in a scientific field.

Effective Science Communication



Sam Illingworth, senior lecturer at the University of Western Australia, published the second edition of Effective Science Communication as a practical guide for scientists on publishing work in academic journals, applying for funding, presenting, outreach and public engagement, engaging with the mass media, establishing an online presence, science and policy, and other essential research skills.

Check out Illingworth's recorded seminar on "Science Communication for Researchers" for tips on developing your own "unique selling point" and preparing to deliver engaging oral and poster presentations in both in-person and virtual settings.

Greg Foot, a Science Broadcaster on BBC TV & Radio has created a YouTube Course on Science Communication with tips and techniques to help practicing scientists communicate their work with non-experts.

See Mike Morrison's take on How to Create a Better Research Poster in Less Time, using basic principles of user experience (UX) design and work psychology. Consider applying the #betterposters technique to improve how you communicate your science through conference posters.

SCEC2023 Poster Presentations

The SCEC community will share recent results and activities through poster presentations. An online poster gallery, as well as live poster viewing sessions at the venue, will facilitate connections, discussions and collaborations with other participants. Each poster presentation will have physical poster space at the venue in Palm Springs, as well as a virtual poster space in the online gallery that will include general poster information, author contact information, and a PDF of the poster presentation. Authors will have the option of providing short videos to accompany their online poster, such as a 1-minute "lightning talk" that invites others to visit their poster or a 5-minute presentation that walks through results presented in the poster. In addition, the poster team may also submit a live lightning talk to be presented in the plenary session program.

The physical posters will be divided into two groups displayed separately on Sunday/Monday and Monday/Tuesday, and augmented with online poster spaces where all posters are available 24/7 from September 10-17, 2023. During the scheduled poster viewing sessions, participants meet to discuss results and exchange ideas with other meeting registrants.

Your Physical Poster Space

Physical posters will be divided into Group A or Group B. Follow the guidelines below to prepare your poster for display and presentation in Palm Springs during SCEC2023.

- **Poster Setup.** Group A may hang their posters in their assigned space starting at 1:00pm Sunday and must remove them before 5:30pm Monday. Group B may hang their posters starting at 5:30pm Monday and must remove them by 5:30pm Tuesday. The poster room is available for informal viewing at all times, but you should plan to present during the scheduled poster viewing session times.

- **Scheduled Poster Viewing Sessions**
  - Poster Group A: Sunday, September 10 (8:00pm-10:00pm) & Monday, September 11 (9:30am-11:30am)
  - Poster Group B: Monday, September 11 (8:00pm-10:00pm) & Tuesday, September 12 (9:30am-11:30am)
  - Online poster spaces for all posters are available 24/7 from September 10-17, 2023.

- **Dimensions.** The poster dimensions **should not exceed 45 inches high x 45 inches wide**. Space is very limited, and we are also trying to limit crowding, so please be respectful of the neighboring spaces and presenters.

- **Assigned Poster Space/Number.** Each poster has a designated space and poster group. Search for your poster at https://www.scec.org/meetings/2023/am/abstracts to determine your poster number and assigned group.

- **Poster Templates.** You are welcome to use these SCEC poster templates: click to download templates.

- **Advertising.** Promote your poster with a lightning talk (see below) or on your favorite social media platform using hashtag #scecmeet



Your Online Poster Space

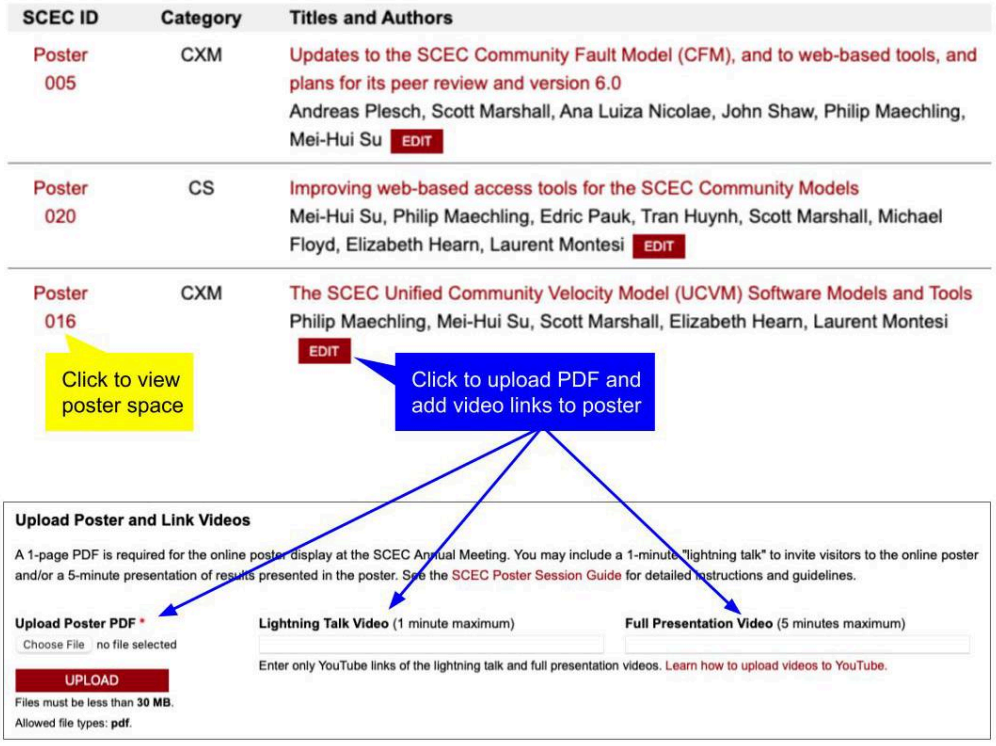
Each online “poster space" consists of a webpage that includes general poster information, author contact information, and the poster PDF. Authors will have the option of providing short videos to accompany their posters, such as a 1-minute “lightning talk” that invites others to visit their poster or a 5-minute presentation that walks through results presented in the poster. Every poster is assigned a poster number and category, which enables related content to be displayed together. See archived examples from SCEC2022.

Visitors to the poster space will be able to provide feedback by leaving a comment, track interesting posters by “bookmarking” them, and/or connect with poster authors through the contact form.

Accessing Online Poster Spaces—Adding Your Poster PDF and Videos

Before the official meeting kicks off on Sunday, September 10 at 10:00 AM PT (or UTC-7), only abstract co-authors can access the assigned poster space. Authors may access their assigned poster space once logged in to the SCEC website. Click the Meetings icon on your dashboard: https://www.scec.org/dashboard. You will see all the abstracts on which you are listed as an author.

Click the hyperlinked poster number to go to its online poster space. Click the EDIT button to upload your poster PDF and to add video links to your poster. See instructions below for designing your poster and recording videos.



A poster PDF (1-page only) must be submitted through the SCEC website no later than Saturday, September 9 to be included in the online poster gallery.

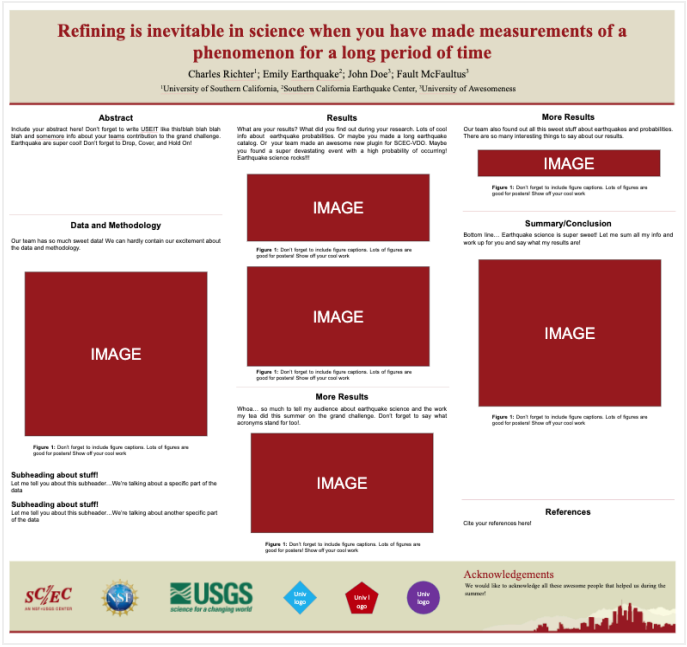
Your uploaded PDF will be converted (within 1 hour) to an image file for display in the poster space. Check the converted image, and email scecmeet@usc.edu if there is an issue. Viewers can zoom in on the image in the poster space, as well as view/download the PDF. The PDF file enables accessibility for those who rely on screen readers and text-to-speech software to access the document. See more information for making PDFs accessible.

The PDF and image of your poster will only be accessible to registered SCEC2023 attendees during the days of the meeting. All presenters will need to approve posting of their materials online before we archive and make it available to the general public after the meeting dates.

Designing Your Poster PDF

Please design and create your poster to print no larger than 45” x 45” for in-person display. . Convert your poster to PDF before uploading to the website. For the best display results, maintain a square aspect ratio and keep the PDF file size under 10 MB. See the SCEC annual meeting poster templates for suggested content to include in your poster PDF. For advice and tips on effective science communication, see General Guidelines above.

Remember to properly cite and acknowledge contributions and support for the work presented in your poster. See how to reference SCEC (and other) funding at: https://www.scec.org/identity-credits.



Poster Lightning Talks

We have dedicated time in the SCEC2023 plenary session program for anyone interested in presenting a poster lightning talk to a live audience. This is an opportunity for a presenter from each poster team to summarize and promote their research and inspire interest in their poster. In 60 seconds, tell the audience about your research results and where to find you and your poster to learn more. Be sure to submit your live lightning talk by the deadline, following these instructions carefully:

- **Format / Time Limit.** A lightning talk cannot exceed 60 seconds. Each presenter has exactly one-minute on stage to share results (using only the accepted template). All slides will automatically advance to enforce the time limit.
- **Template.** To qualify for a lightning talk, you must use and follow the instructions in this template.
- **Upload Slides.** Prepare your slides (using the template above). The presenter from your team must click this link to register and upload slides **no later than Friday, September 8 (5:00pm PT)** to be included.
- **Scheduled Live Lightning Talks** following Plenary Sessions 3 and 6
  - Poster Group A: Monday, September 11 (9:30am)
  - Poster Group B: Tuesday, September 12 (9:30am)
  - Each online poster space also allows upload of a 1-minute lightning talk that is available 24/7 from September 10-17, 2023.

If submissions exceed the number of live presentations that can be accommodated (due to time constraints), submissions will be closed, and priority will be given to students and early career participants. Submit your Live Lightning Talk early!



Recording Videos and Creating Captions

Authors will have the option of providing short videos to accompany their online posters, such as a 1-minute “lightning talk” that invites others to visit their poster or a 5-minute presentation of results or demonstration of products presented in the poster. We will use YouTube to manage, stream, and highlight poster videos for SCEC2023.

You may use the online videos however you’d like as long as the provided lightning talk is under 1-minute and full-tour under 5 minutes. See examples of lightning talks from SCEC2022 for inspiration. Your only limitation is the maximum duration of each submitted video.

To record a video presentation, a webcam and microphone, access to Zoom (or another video/screen recording method), and a Google/YouTube account are needed.

1. Plan your presentation for the allotted time (lightning talk: 1 minute max and presentation: 5 minutes max). Consider outlining or even scripting your presentation for maximum effectiveness. Remember, you are communicating to an

audience who have an interest in earthquake science, but may lack the expertise to fully comprehend peer-reviewed scientific journals.

2. Join a Zoom meeting and begin recording. See local recording with Zoom. Be sure you have a strong internet connection and to use good lighting. Choose the best Zoom video recording layout for your presentation.
3. Upload a video to YouTube, which will automatically create captions for the video. You can then edit the auto-captions by YouTube to correct any errors. You can even upload a script and have YouTube auto-sync to create captions.
4. Add your video YouTube links to the submission form once the individual poster spaces open. Make sure your videos are set as unlisted or public, and allow embedding.

Make an Impression and Connect with Others

People attend meetings and conferences to network, to expand their knowledge and find solutions, to present ideas and work with others, and to learn beyond their own field or interest. These are venues where potential candidates for graduate schools, fellowships, and jobs are recruited and new collaborations are formed.

Prepare for SCEC2023 by researching who's attending, their areas of expertise, and work to be presented. Introduce yourself to others by updating your own scec.org profile with a recent headshot image, area of expertise, and current bio. See some examples at right for the abbreviated participant profile. Click on each person's name for their full profile.

Take the opportunity to connect with others throughout the week, during scheduled session times or by appointment. Go to the plenary sessions, visit the in-person poster spaces, and leave comments at the online poster spaces you visit, or use the contact form to connect with any of the participants.



Alba Rodriguez Padilla, PhD candidate, UC Davis

Expertise: Fault and earthquake mechanics, active tectonics, structural geology

Graduate Student
SCEC Mentor



Valère Lambert, NSF Postdoctoral Fellow, UCSanta Cruz

Expertise: Earthquake Modeling, Earthquake Source Processes, Seismology

SCEC Mentor



Sean Ahdi, Research Geophysicist, USGS

Expertise: Engineering seismology applications to earthquake/geotechnical engineering; seismic site characterization using near-surface geophysical methods;...

Hone Your Meeting Skills

Meetings can be energizing, productive, and fun! It turns out that efficient and effective meetings are also inclusive and respectful meetings. Often, all it takes is one person with some simple meeting skills to change a meeting from frustrating and inefficient to enjoyable and efficient (from Frame Shift Consulting).

We encourage everyone to watch this video on Meeting Skills for Inclusive Moderators: https://youtu.be/FNgxawnTpMM. The presentation explains how to prepare and run a meeting effectively and inclusively. Learning these skills will help you run a great session, whether you are moderating a panel, giving an oral presentation, or hosting fellow participants at your poster.