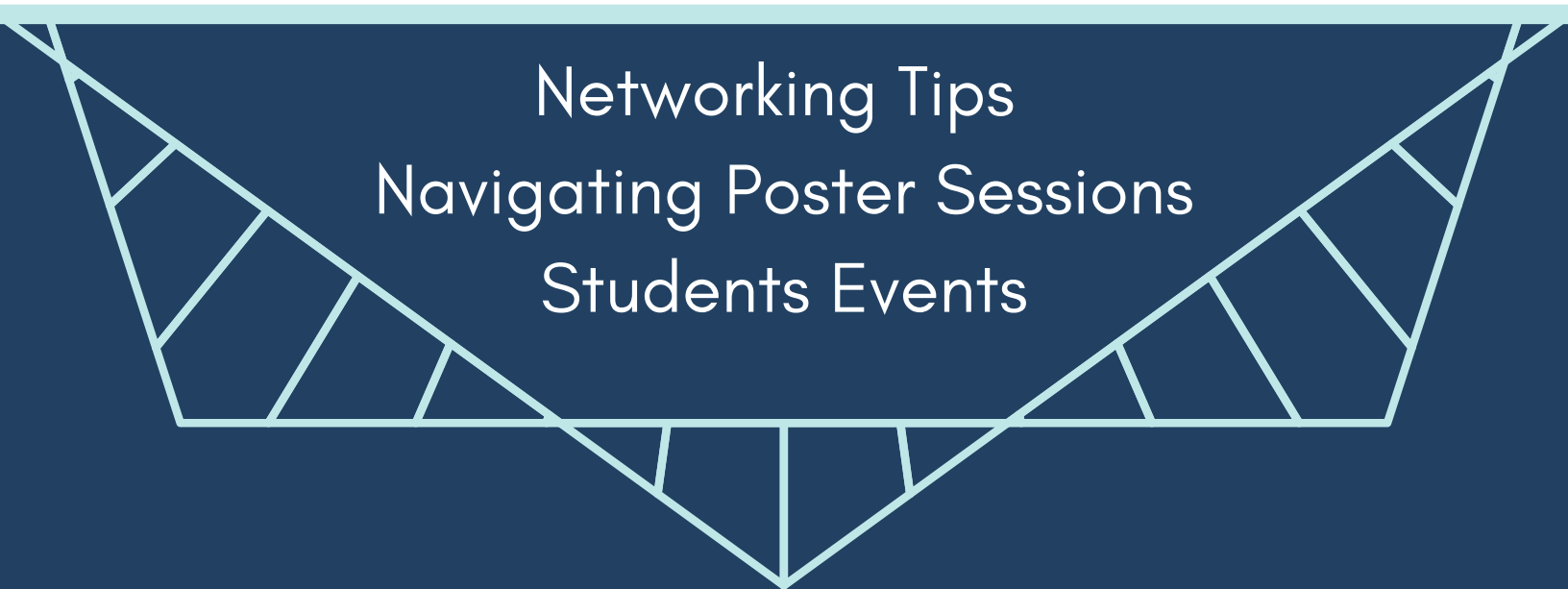


THE PCSA
STUDENT
CONFERENCE
GUIDE
ICACC 2022



Networking Tips
Navigating Poster Sessions
Students Events

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ABOUT THE PCSA

The President's Counsel of Student Advisors (PCSA) is a committee comprised of both undergraduate and graduate students who aim to help the American Ceramic Society.



Leadership workshops
Outreach opportunities
Help organize ACerS conferences



NETWORKING TIPS



Starting a conversation with a stranger can be daunting, but you can follow these steps to have a less awkward interaction.

Introduction

- Remember that the people at a conference are there to network in the first place, so approaching someone new is not that strange.
- Acknowledge the value of that person's time.
- Introduce yourself, your school, and who you work with.
- Specify a time limit when talking with someone new, this relieves pressure that the other person might feel in a new interaction.
Example: Can I talk to you for a few minutes before the next presentation?

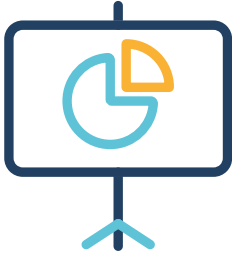
During the Conversation

- Be genuinely interested in what they have to say.
- Ask them questions that are different. Everyone is always asked "What do you research", instead you could ask them about their favorite talk.
- Don't be afraid to also talk about your work and your interests. This gives them opportunities to ask you questions or to find something that you have in common to talk about.

Exiting the Conversation

- Don't ask for their email or number to talk at a later time. Instead try asking if you can connect with them on LinkedIn. This provides a more casual and non-committal ending to the conversation. If they want to give more contact details, then they will do so, but it is ultimately their decision.

GENERAL CONFERENCE TIPS



Conferences can be overwhelming, especially for students. Here is some general advice for how to make the most out of your conference experience.

Go to the student events. Connecting with other students is the easiest way of expanding your network.

Don't try to go to every talk. Committing yourself to over 8+ hours of talks each day will quickly drain you especially if conferences are week-long events. It also makes it more difficult for you to want to network since you will be too exhausted. Aim to sit through only a few hours of presentations spread out through the day. Use the downtime in between to network.

STUDENT EVENTS

ICACC has an excellent set of networking and student-oriented events, more information can be found [here](#)

All times in EST.

Monday Jan. 24

12:00 PM – 1:30 PM – Industry Panel for Students and Young Professionals

Tuesday Jan. 25

12:00 PM – 2:00 PM – ACerS Journal Virtual Workshop: Writing to be published, found, and read

Wednesday Jan. 26

12:00 PM – 1:00 PM – Network with a Pro (Sign Up Required)

INTERESTING TALKS

Not sure where to start? Below are a list of talks given by current PCSA members, Alumni, and notable speakers that are a good place to start.

All times in EST.

Talks by Current PCSA Delegates

Tuesday Jan. 25

1:30 PM - Exploration of Rare Earth Doped Zirconia Aerogels for High Temperature Aerospace Applications

Speaker: Nathaniel Olson

Session: Porous Ceramics: Novel Developments and Applications (S9)

5:10 PM - Exploring CMAS-Steam Synergy on $\text{Yb}_2\text{Si}_2\text{O}_7$ Degradation

Speaker: Clark Luckhardt

Session: Advanced Ceramic Coatings for Structural, Environmental, and Functional App (S2)

INTERESTING TALKS

Wednesday Jan 26.

9:50 AM - Investigation of Lamination Approaches of SiC Ceramic-Filled Polymer Blends for Co-Extrusion

Speaker: Olivia Brandt

Session: 16th International Symposium on Advanced Processing and Manufacturing Technologies for St (S8)

10:30 AM - Hexagonal boron nitride and graphite bi-materials for electric propulsion

Speaker: Celia Chari

Session: Advanced Ceramic Coatings for Structural, Environmental, and Functional App (S2)

11:20 AM - Oxidation of bare Si-O-C fibers in water vapor

Speaker: Nathaniel McIlwaine

Session: Ultra-High Temperature Ceramics (S18)

11:40 AM - Oxidation of bare Si-O-C fibers in water vapor

Speaker: Victoria Christensen

Session: Mechanical Behavior and Performance of Ceramics & Composites (S1)

INTERESTING TALKS

Wednesday Jan. 26

4:00 PM - Anisotropic microstructures in silicon carbide via direct ink writing

Speaker: Tess Marconie

Session: 6th International Symposium on Additive Manufacturing and 3-D Printing Technologies (S15)

Thursday Jan. 27

8:30 AM - Enhanced hardness from modified stoichiometry in nanocrystalline zinc aluminate

Speaker: Luis Sotelo Martin

Session: Armor Ceramics - Challenges and New Developments (S4)

WAYS TO GET INVOLVED WITH ACERS

Another great way of networking is by getting involved in organizations. Don't be afraid to reach out to them.

Apply to be part of the PCSA.

Join an ACerS chapter.

Join the Global Graduate Research Network (GGRN).

If you have questions, talk to any of the ACerS staff or PCSA members.