

Southeastern Section Newsletter

September 2023, Fall Edition

Editor: Priya Goeser

Message from Section President

by **David Calamas** on September 1, 2023



Greetings,

On behalf of the leadership of the Southeastern Section, I want to extend my warm appreciation to the dedicated members of the Section. Your unwavering commitment to advancing engineering education within our region has been invaluable.

We would also like to extend our heartfelt gratitude to the 2023 ASEE Southeastern Section Conference hosts, George Mason University. Their meticulous planning and execution led to an excellent conference that enriched our understanding of engineering education. The exceptional sessions, thought-provoking discussions, and vibrant networking opportunities created an environment conducive to learning and collaboration.

Looking ahead, we are excited for the upcoming 2024 ASEE Southeastern Section Conference hosted by Kennesaw State University. The conference will serve as a confluence of innovative ideas, research findings, and pedagogical approaches that shape the future of engineering education. It is a testament to our academic community's collective pursuit of excellence.

We encourage all members to actively engage in this enriching experience. Your involvement extends beyond attending sessions; it's about contributing your expertise, insights, and passion. By submitting papers, participating in workshops, and sharing your research, you contribute to the intellectual vitality of our community. Through these collaborative efforts, we can collectively elevate the standards of engineering education.

As we move forward, fostering a sense of community remains paramount. The Section provides various avenues for connecting with fellow educators, researchers, and practitioners. Engage in conversations, join roundtable discussions, and partake in workshops to exchange perspectives and forge lasting connections. Building a supportive network enhances not only our professional growth but also the broader impact we have on engineering education.

In closing, we look forward to an exciting year ahead, marked by knowledge sharing, collaboration, and the spirit of progress. The success of the Southeastern Section hinges on your active participation, innovative contributions, and dedication to advancing the field of engineering education.

Thank you for your continued commitment to excellence.

Warm regards,

David Calamas

President, Southeastern Section

American Society for Engineering Education

Kennesaw State University

2024 ASEE Southeastern Section Conference Site

by [Cameron Coates](#) on September 15, 2023

The [Southern Polytechnic College of Engineering and Engineering Technology](#) at [Kennesaw State University](#) is excited to host the 2024 ASEE Southeastern Section (ASEE SE) Conference, March 10th - 12th, 2024, in Marietta, GA. Kennesaw State is a comprehensive university located on two suburban campuses in Kennesaw and Marietta, northwest of metro Atlanta. We are impacting the region, the nation, and worldwide. As the third largest university in Georgia, Kennesaw State has nearly 43,000 students enrolled in over 180 undergraduate, master's, doctoral degree, and certificate programs.

The 2024 ASEE SE Section Conference theme is ***The Integrated Engineer: Technical Ability, Intellectual Depth, and Experienced Professional***. The conference is open to anyone interested in improving the engineering education experience. Participants include faculty, staff, department chairs, deans, and industry leaders in engineering, computing, and education. This is a fantastic opportunity to meet, mingle, and learn from colleagues.

The Southern Polytechnic College of Engineering and Engineering Technology (SPCEET) at Kennesaw State University, located on the Marietta campus, provides high-quality engineering degrees with education led by industry-expert faculty in the university's state-of-the-art facilities.

SPCEET's traditions are rooted in a 75-year history, from the original Southern Technical Institute to KSU's robust environment of innovation. As Georgia's second-largest engineering program with about 5,000 students across 17 undergraduate and graduate degree programs, including a Ph.D. in Interdisciplinary Engineering. We contribute as a leading producer of Georgia's engineering workforce. The Marietta campus boasts proximity to the Battery Atlanta, Six Flags White Water, the Marietta Square, Kennesaw Mountain National Battlefield Park, and several cultural and historical museums. A variety of cultural trails and tours are also available.



The Battery Atlanta (6 miles from the Marietta campus) Photo by: Larry Felton Johnson, Cobb County Courier



Engineering Technology Building (Marietta Campus) Photo by Cooper Gary/Johnston Design Group

We look forward to seeing you at the conference in March 2024. For more information, please see <https://sites.asee.org/se/conference/>.

2023 ASEE Southeastern Section Conference Highlights

by **Elizabeth Dean** on September 1, 2023

The 2023 ASEE SE Section Conference was hosted by the College of Engineering and Computing at George Mason University in Arlington, VA, from March 12th - 14th, 2023. The conference theme was “Educating the Inclusive Engineer: Diverse, Innovative, Accountable.” We had 165 conference participants, including 120 faculty and professionals and nearly 40 students. Participants presented 89 papers during 18 technical sessions, along with 22 student posters.

In addition to the fantastic papers presented during the technical sessions, the conference also hosted four roundtable discussions and a panel discussion entitled *Changing the Landscape of the Digital Workforce and DEI: A Call to Action and Research in Engineering Education*, which was attended by not only those onsite but was also live streamed for the greater ASEE SE community.

We here at Mason’s College of Engineering and Computing hope everyone enjoyed hearing from our welcome plenary speaker, Dr. Elizabeth Cady, Senior Program Officer, National Academy of Engineering, viewing the student posters, and hearing from our inspiring Awards Dinner keynote speaker, Dr. Nehemiah Mabry, CEO of STEMedia and the awards presented faculty and students. On behalf of the Conference Planning Committee, I would like to thank everyone for attending the 2023 ASEE SE Section Conference at George Mason University! Please be sure to stop by and visit should your travels bring you to our area.



2023 ASEE SE Section Conference Highlights - Plenary and Technical Sessions

2023 ASEE Southeastern Section Awards

At the 2023 ASEE Southeastern Section Conference, a number of awards were given for excellence in teaching, research and service to the section:

Outstanding Teaching Award: Orlando M. Ayala Hernandez, Old Dominion University

Outstanding Mid-Career Teaching Award: David Calamas, Georgia Southern University

Outstanding New Teacher Award: Erdogan Kaya, George Mason University

Tilmans-Dion Section Service Award: Priya Goeser, Georgia Southern University

Thomas C. Evans Engineering Education Paper Award: Autar Kaw, University of South Florida and Renee Clark, University of Pittsburgh, Paper Title "Adaptive Learning: Helpful to The Flipped Classroom in The Online Environment of COVID"

New Faculty Researcher Award, 1st Place: Seungmo Kim, Georgia Southern University

Outstanding Campus Representative: Anna Howard, North Carolina State University

2023 ASEE Southeastern Section Conference Student Poster Session Awards

A key event at the conference is the student poster session, and several individual and team awards were given this past year.

1st Place Individual Undergraduate Division: Danielle Dailey, Mercer University

2nd Place Individual Undergraduate Division: Hannah Higgins, Mercer University

3rd Place Individual Undergraduate Division: Steven DelBove, Christian Brothers University

1st Place Lower-Division Team: Corbin Menz-Gentzow, Erica Hernandez, Bennett Smoak and Kennedy Walker, The Citadel

1st Place Upper-Division Team: Isaac Ashdown, John Berry and Travis Ellis, Old Dominion University

2nd Place Upper-Division Team: Gunhee Lee, Travis White, and Sinjae Hyun, Mercer University

3rd Place Upper-Division Team: Madison Holloway, Sarah Spalding, Sara Daugherty, and Sinjae Hyun, Mercer University

Best Overall Student Poster: Danielle Dailey, Mercer University

2023-2024 ASEE Southeastern Section Officers

The ASEE Southeastern Section thrives because of all the work and time that our dedicated officers devote to the section's success.

Executive Board		
President	David Calamas	Georgia Southern University
President-Elect	Natalia Cardelino	Mercer University
Immediate Past President	Todd Schweisinger	Clemson University
Vice-President (Programs Unit Chair)	Anna Howard	North Carolina State University
Vice-President (Awards and Recognition Unit Chair)	Beth Todd	The University of Alabama

Vice-President (Publications and Promotions Unit Chair)	Kumar Yelamarthi	Tennessee Technological University
Treasurer	Monika Bubacz	The Citadel
Secretary	Sally Pardue	Tennessee Tech University
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Vice-Chair & Conference Technical Program Chair	Simon Ghanat	The Citadel
Secretary	Nancy Moore	North Carolina State University
Awards and Recognition Unit		
Chair	Beth Todd	University of Alabama
Vice-Chair	MA Karim	Kennesaw State University
Secretary	Kweku Brown	The Citadel
Publications and Promotions Unit		
Chair	Kumar Yelamarthi	Tennessee Tech University
Vice-Chair	Chuck Margraves	University of Tennessee at Chattanooga
Secretary	Morgan Green	Mississippi State University
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Paper Management Website Coordinator	Todd Schweisinger	Clemson University
Section Website Coordinator	David Calamas	Georgia Southern University
Newsletter Editor	Priya Goeser	Georgia Southern University
Proceedings Editor	John Brocato	University of Georgia
Campus Representative Coordinator	Kenneth Ball	George Mason University

A complete list of officers can be found at [Officers – ASEE Southeastern Section](#)