



IEEE SoutheastCon 2024

Status Update – Dec 09, 2023



Summary

- **Conference Dates:** March 20-24, 2024
- **Virtual Conference:** March 15-17, 2024
- **Website:** <https://ieeesoutheastcon.org/>
- **Location: Westin Peachtree Hotel – Atlanta**
 - Room cost is \$196/night
- **Dates and deadlines:**

Tutorials and Workshops	September 1, 2023 – January 15, 2024
Regular Papers	July 25, 2023 – December 15, 2023
Extended Abstracts	July 25, 2023 – December 15, 2023
Notification to Authors	February 10, 2024
Camera Ready Papers	February 19, 2024 – March 4, 2024



Registration and F&B

- **Hotel F&B prices have driven registration cost higher than other years**
- **Current food cost (after initial negotiation):**
 - Breakfast: 35++ (48.03)
 - Lunch: \$45++ (\$61.75)
 - Reception: \$85++ (\$116.65)
 - Banquet: \$80++ (\$109.78)
- **Full Conference Food Cost (3Br, 2L, 1R, 1Ba): \$494**
- **Currently we have 2 options for breakfast and lunch. Lunch will be buffet style**
- **Receptions details can be adjusted later next year**
- **Menu for the Banquet is decided and includes salad and desert**
 - Pan seared chicken/natural herb pan jus



Registration Cost

Authors	in person	members	\$ 750	\$ -
		non-members	\$ 1,000	\$ -
	virtual			
		members	\$ 700	\$ -
		non-members	\$ 950	\$ -
Students / Life Members	in person	members	\$ 230	\$ 300
	virtual	members	\$	50
R3	in person	n/a	\$ 500	\$ 600
Attendee (non-presenter)	in person	members	\$ 500	\$ 650
		non-members	\$ 750	\$ 900
	virtual	members	\$	100
		non-members	\$	350
Companion			\$ 325	\$ 375

Registration Platform

- **Registration platform will be RegFox (same as Orlando 2023)**
- **Current pricing scheme: \$0.99 + 1% of reg. cost (capped at \$4.99) + CC fees (3%)**
- **Estimated registration cost for 300 papers is about \$12K**
 - Fees: \$2.7K
 - CC fees: \$9.5K
- **RegFox will provide automatic validation of IEEE membership using IEEE # and API call to IEEE validation portal**
- **Registration website is almost ready and we plan to make it live by mid December**
- **We plan to use QR codes and color coding at conference for identify registration types**
 - This approach will allow to bypass the old paper ticket system
 - Backup will be old fashion paper tickets

Student Competitions



Currently planning **9** competitions:

- **HW Competitions** – Led by KSU (Dr. Voicu)
- **SW Competitions** – Rules under development, but will be Hack-a-Thon
- **Hardware Design Competition** – New for 2024 to highlight the best designed robot from the hardware competition
- **Circuit Design Competition** – Led by C. Lord and similar to 2023
- **Ethics Competition** – Similar to previous years but will accommodate more teams
- **Networking Competition** - This is an opportunity for IEEE student members to develop networking skills through feedback provided by Networking Competition Judges
- **Outreach Competition** – will focus on STEM outreach in partnership with ATL Science Festival
- **Presentation Competitions** – Led by Prof. Varadraj (Raj) Gurupur encourages students to present ongoing research
- **Promotional Design Competition** – This is the old T-shirt competition expanded to non-T-shirt entries



HW Competition Details

provides an overview of the design and rendered images.

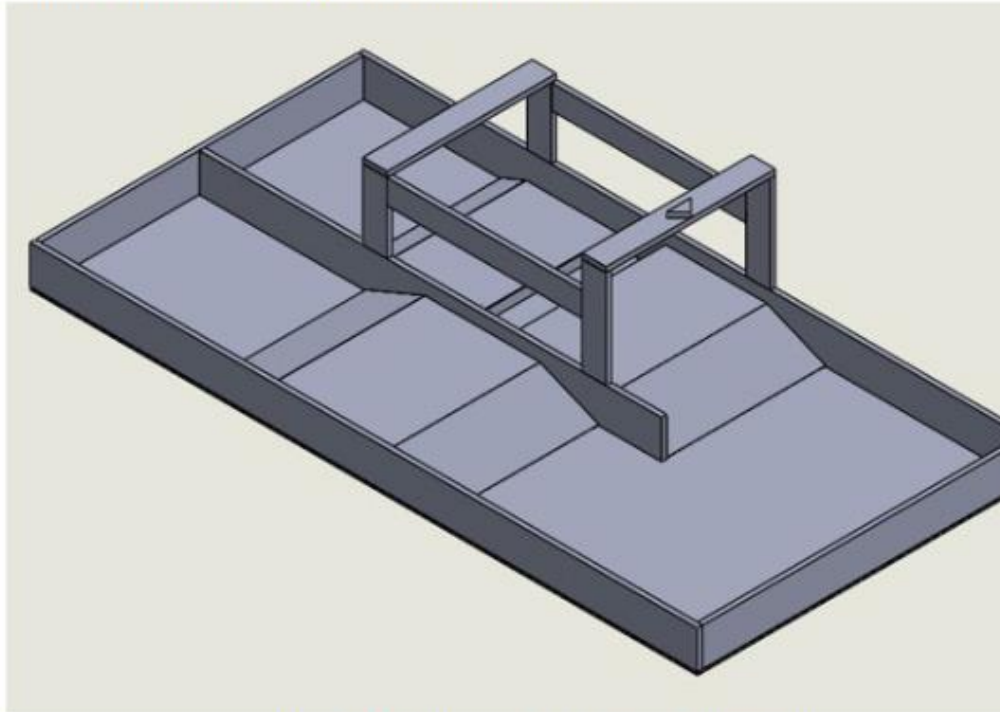


Figure 1: Initial competition design with zip lining.



Figure 2: Initial competition physical design.

Technical Program

- We will use EDAS to manage technical paper submissions
- We are planning for 9 technical tracks + a poster session (in-person only)

- **Paper Statistics as of 12/8/2023**

- Submitted: 62
- With Manuscript: 40
- Awaiting manuscript: 22

- **TPC Status**

- Active reviewers: 103
- Confirmed reviews: 53
- Completed reviews: 14

Tracks:

- Power & Energy
- Communications and Electromagnetics
- Computing Systems
- Signal & Image Processing
- Microelectronics, Devices and Sensors
- AI & Predictive Modeling
- Automation, Dynamic Systems and Controls
- Engineering Education

Tutorials and Workshops



- **Tutorials and Workshops are planned for Thursday (all day)**
 - Schedule is still TBD
- **Pricing scheme will be per tutorial/workshop and will be based on duration**
 - IEEE Member: \$75/h; Non-IEEE Member: \$150/h; Students: \$50/h
 - Example 2H workshop: \$150 for members; 300 for non-members; \$100 for students

Confirmed Tutorials and Workshops

- Simulations and Motion Analysis of Rigid Mechanisms and Soft/Compliant Robots in MATLAB Simscape (2h); Prof. Tekes (KSU)
- eXplainable AI (XAI) in Clinical Applications (4h); Prof. Amirian (UGA)
- Efforts from IEEE to Improve Healthcare Data Quality (2h); Prof. Raj Gurupur (UCF)
- Introduction to Software Defined Radios (4h); Prof. Sumit Chakravaty (KSU)
- Cyber For Critical Infrastructure (2h); Mr. David Huggins (GTRI)

Sponsorship



	 Diamond \$10,000	 Platinum \$8000	 Gold \$6000	 Silver \$3000	 Bronze \$1500
Sponsor recognition on digital conference materials	✓	✓	✓	✓	✓
Rotating banner ad between conference activities	✓	✓			
Ad in Digital Conference Program	Full page	Half page	Quarter page	Logo	Listing
Signage prominently displayed at the conference in registration area & entrance to event	✓	✓	✓	✓	✓
General Conference Registrations	Five	Four	Three	Two	One
Exhibit Table/Space	Two skirted 6' ft tables Featured location	One, skirted 6' ft table Featured location	One, skirted 6' ft table Premium location	One, skirted 6' ft table	One, skirted 6' ft table
Verbal Recognition during the Event	✓	✓	✓	✓	✓
Logo Recognition on e-communications to attendees	✓	✓	✓	✓	✓
Tickets to Awards Banquet	Five Tickets	Four Tickets	Three Tickets	Two Tickets	One Ticket
Individualized Thank You post on all social media websites	Logo & Link to Website	Logo & Link to Website	Logo & Link to Website	Logo	Logo
Option to have pre-approved promotional item included in all conference bags.	Three	Two	One	One	One

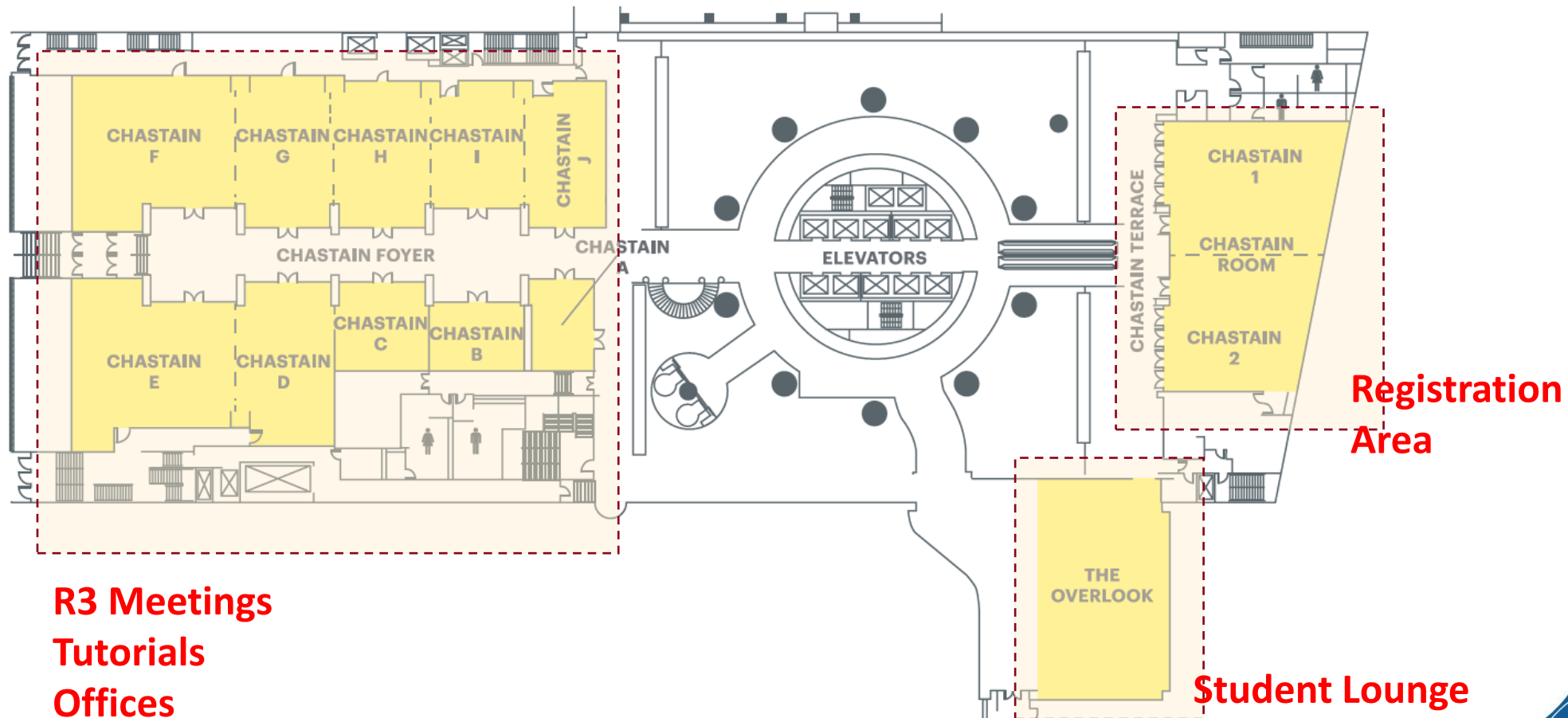
Confirmed Sponsors:

- GTRI – aiming for Diamond (\$10K)
 - Burns & McDonnell – Gold (\$6K)
 - Georgia Transmission Company – Diamond (10k)
 - IEEE USA – Silver (3K)
- **Sponsorship Committee is working hard to bring in more sponsors - stay tuned!**
 - **Please let us know if you have ideas and suggestions or know somebody that want to support the company**
 - **Sponsorship Chairs:**
 - Chase Battaglio - ecbattaglio@gmail.com
 - Melody Richardson - richardson.melody@gmail.com



Hotel Floorplans

Chastain Level



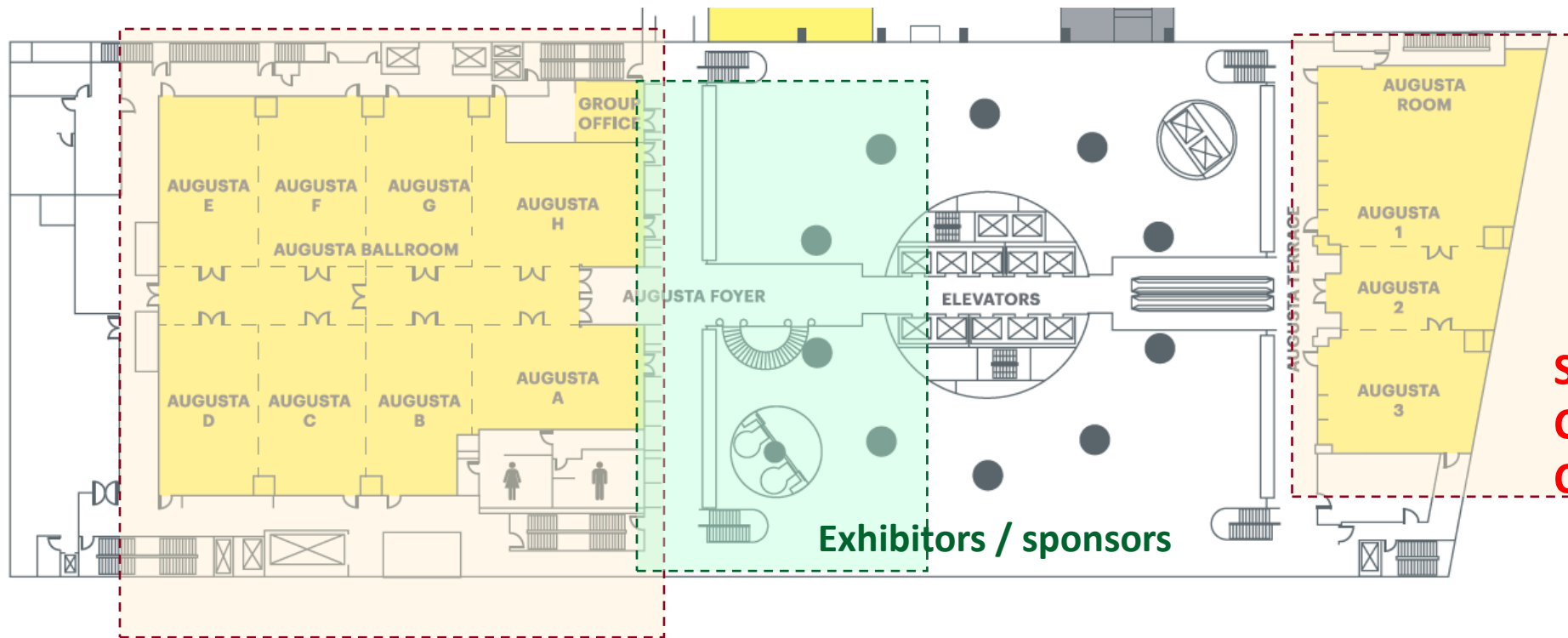
R3 Meetings
Tutorials
Offices

Student Lounge

Registration Area

Hotel Floorplans

Augusta Level

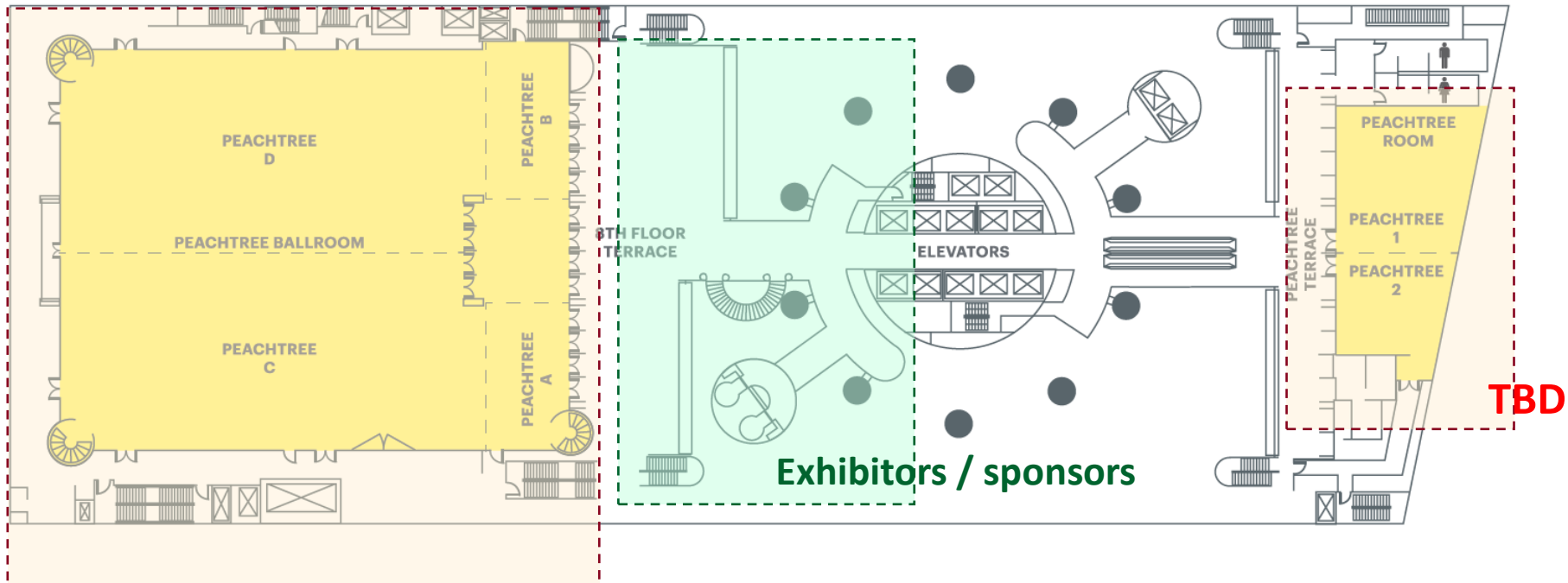


**HW Competition
Room**

**SW Competition
Circuit Design
Competition**

Hotel Floorplans

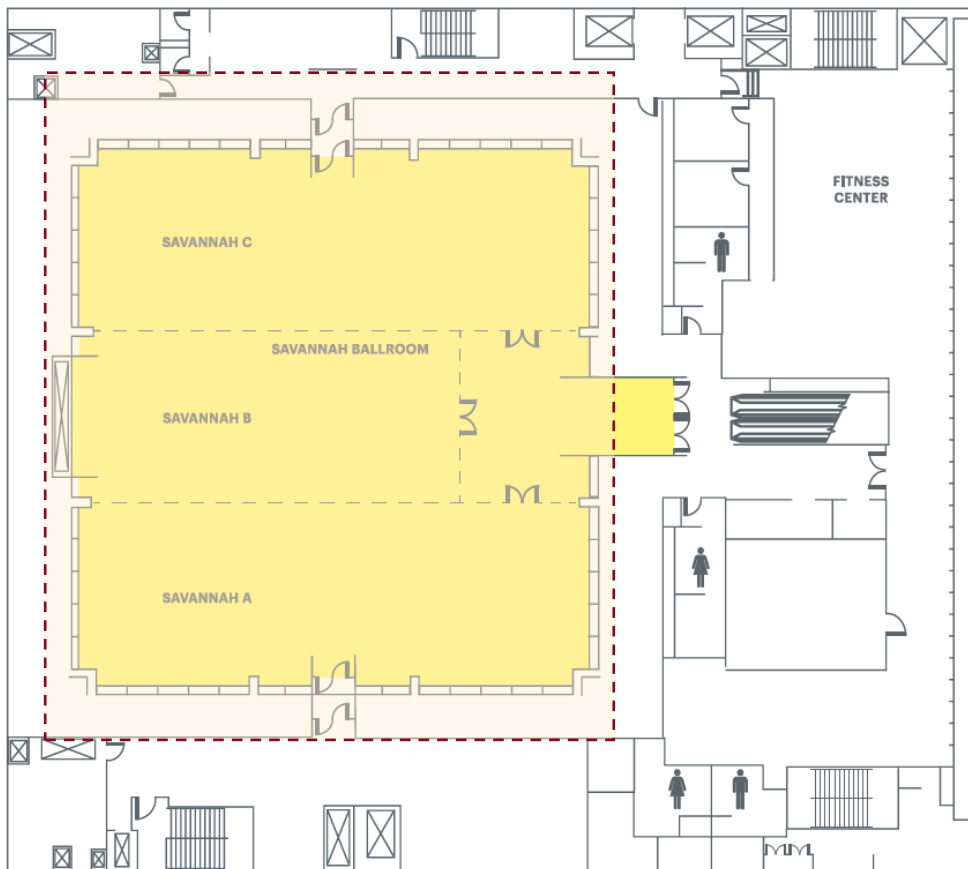
Peachtree Level



**Breakfast / Lunch /
Banquet / Reception
Competition Finals**

Hotel Floorplans

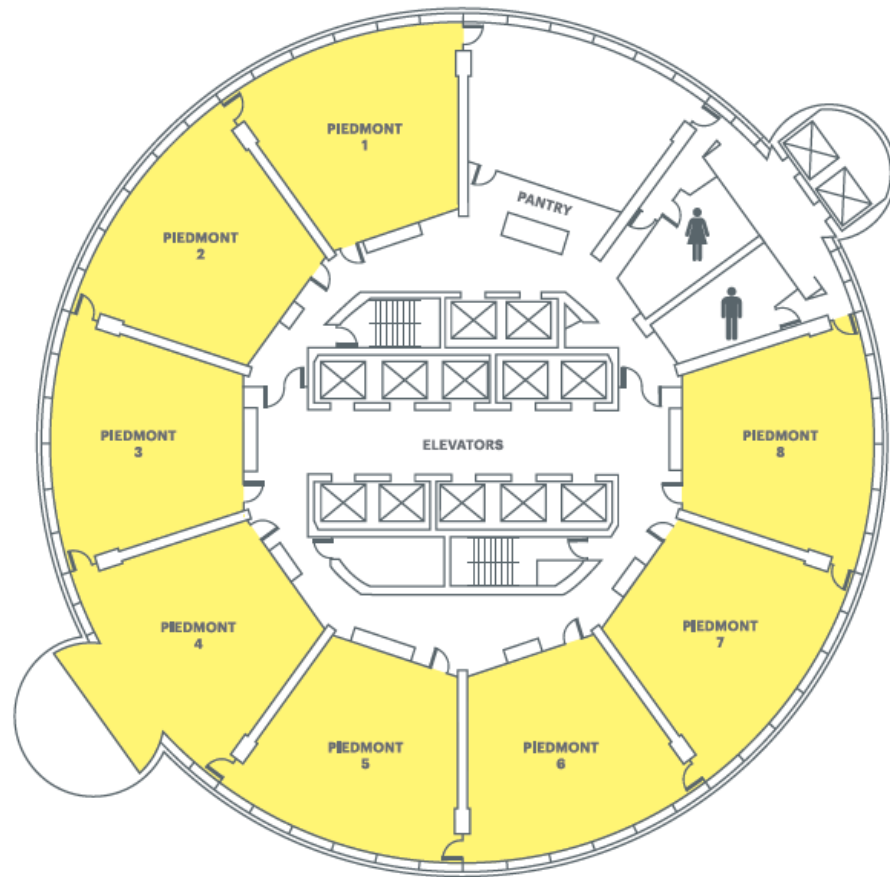
Savannah Level



Networking Reception
Resume Competition / Fair
YP / WIE Events
Other

Hotel Floorplans

Piedmont and Ansley Levels



Technical Paper
Tutorials / Workshops backup
Breakout sessions
Other

Local Committee



- ▶ **Chair:** Alessio Medda
- ▶ **Secretary:** Nelson Lourenco
- ▶ **Treasurer:** Brian Conant
- ▶ **Technical Chair(s):** Tamseel Syed & Aprameya Satish
- ▶ **Logistic Chair:** Melody Richardson
- ▶ **W&T :** vacant
- ▶ **Website:** Alessio, Brian Page, Melody
- ▶ **Sponsors:** Chase Battaglio and Melody Richardson