



IEEE SoutheastCon 2024 Status Update

R3 ExCom – January 22, 2023



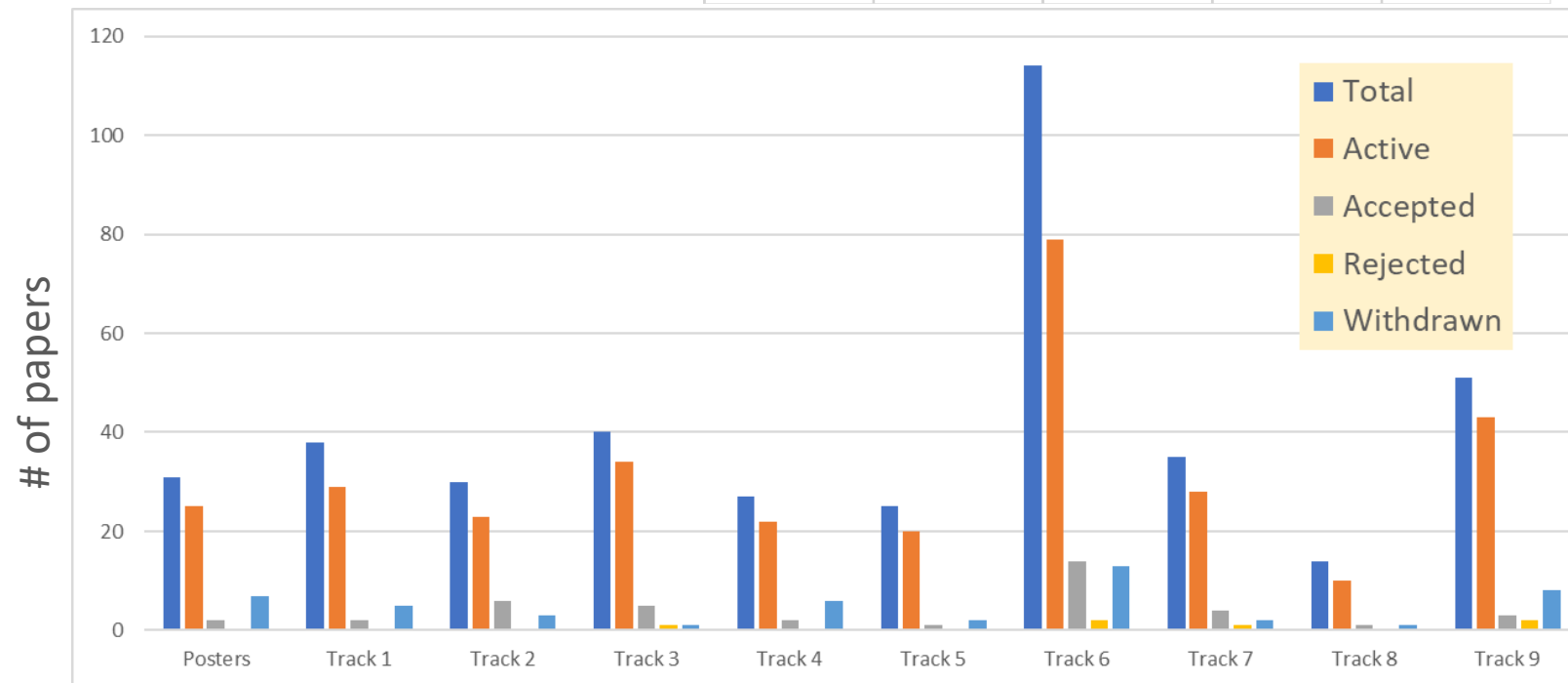
Papers as of 1/22/2024



Conference	Rejected	Active (has manuscript)	Pending (no manuscript)	Accepted	Withdrawn	Total under review, accepted and rejected
SoutheastCon 2024	6	313	46	40	51	405

Track 1	Power and Energy		
Track 2	Communications and Electromagnetics		
Track 3	Computing Systems		
Track 4	Signal and Image Processing		
Track 5	Microelectronics, Devices, and Sensors		
Track 6	AI and Predictive Modeling		
Track 7	Automation, Dynamical Systems and Controls		
Track 8	Engineering Education		
Track 9	General		

- **Total Papers received:** 405
- **Active papers:** 353
- **Acceptance Projection** (25% reject rate): 275 papers
- **Attendance estimate**
 - IN-PERSON: 193
 - VIRTUAL: 120
 - Not-Specified: 40



Registration as of 1/22/2024



- **Registration website:**

<https://ieeesoutheastcon.regfox.com/ieee-southeastcon-2024>

- **Total registrations: 18**

- R3: 6
- Students: 7
- Companion: 1
- HW Spectator: 2
- LM: 2

Total Sales: \$3,686



- Region 3 Volunteers
- Student
- Others

- **Notes:**

- IEEE # validation not possible by conference time
- Working on badging details and automatic scanning of QR codes

Sponsorship as of 1/22/2024



	 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

TOTAL:

\$27,000

- Burns & McDonnell Gold (\$6K)
- GTC Diamond (\$10k)
- IEEE USA Silver (\$3K)
- GTRI Gold (\$6K)



Competitions as of 1/22/2024



Hardware

- Boards are been built and projected to finish by February
- We have a climate controlled solution to hold conference material

Software (Hackathon)

- Preliminary rules are posted as of 1/15
- Committee to convene this week to finalize details
- 30 dev kits, USB keys,

All others
competitions are on
track

Circuit Design

- Preliminary rules are posted as of 1/15
- Details will be defined by mid February

Tutorials as of 1/22/2024



Total Tutorial and Workshops: 30 hours

SEARCH:

Presenters	Affiliation	Title	Duration
T1 Ayse Tekes	KSU	Simulations and Motion Analysis of Rigid Mechanisms and Soft/Compliant Robots in MATLAB Simscape	2 hours
T2 Soheyla Amirian	UGA	eXplainable AI (XAI) in Clinical Applications	4 hours
T3 Raj Gurupur	UCF	Efforts from IEEE to Improve Healthcare Data Quality	2 hours
T4 Sumit Chakravarty	KSU	Introduction to Software Defined Radios	4 hours
T5 David Huggins	GTRI	Cyber for Critical Infrastructure	2 hours
T6 Dan Nagle		Reverse Engineering Network APIs	2 hours
T7 David Brown	SRI	Introduction to Electronic Warfare	4 hours
T8 Richard Wise	GTRI	Introduction to Model-based Systems Engineering	4 hours
T9 Sylvia Bhattacharya	KSU	Addressing Bias, Statistical Validity, and Reproducibility in ML Models for Physiological Signal Processing	4 hours
T10 Alexander Lerch	GT	Introduction to Music Information Retrieval	2 hours

Showing 1 to 10 of 10 entries

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<https://ieeesoutheastcon.org/workshop-and-tutorials/>



Side Events Planning

- **Early February:** series of lunch and learn at KSU, GSU and GT to recruit volunteers
- **Thursday evening (5-6 PM)** **Panel on ethics of AI**
- **Thursday night (6-9 PM)** **Industry Night with dessert reception**
- **Friday (all day):** **Future Labs**
- **Friday after reception:** **WIE Dessert Reception**
- **Saturday afternoon:** **YP Event (3h)**