



IEEE Aerospace Electronic Systems

Anthony Martone, Bill Melvin, Kelly Sherbondy

2023 Radar Conference, General Chair Update

IEEE Board of Governors Meeting

San Antonio, TX

- Jointly sponsored by the AESS and the IEEE Lone Star Section
- We emphasized in-person briefings and full attendance
 - 504 full registrations as of May 3 (385 registrations in initial budget planning)
 - > 549 total participants (includes all registered participants, sponsors, and exhibitors)
- We celebrated the AESS 50th Anniversary as a professional society
- Utilized the CCL CONFLUX databased to store lectures and posters
- The number of Tutorials were 58 Bundles, and 162 individual seats

Thank You Conference Committee!



General Co-Chairs

Anthony Martone, *ARL*
Kelly Sherbondy, *ARL*
Bill Melvin, *GTRI*

Technical Co-Chairs

Laura Anitori, *TNO*
Shannon Blunt, *KU*

Student Program Co-Chairs

Graeme Smith, *APL*
Justin Metcalf, *OU*
Garrett Hall, *SwRI*

Plenary Session Co-Chairs

Moeness Amin, *Villanova University*
Benjamin Kirk, *ARL*

Special Sessions Co-Chairs

Dan Bliss, *Arizona State University*
R. Michael Buehrer, *Virginia Tech*

Finance Co-Chairs

Mark Davis, *medavis consulting*
Drew Kerr, *GTRI*

Tutorial Co-Chairs

Braham Himed, *AFRL*
Julie Jackson, *AFIT*

Industrial Participation Co-Chairs

Mark Yeary, *OU*
Joseph Guerici, *ISL*

Exhibition Co-Chairs

Rob Bauer, *Jarriet Technologies*
Haydn Nelson, *NI*

Publications Co-Chair

Maria Greco, *University of Pisa*

International Participation Co-Chairs

Alexander Charlish, *Fraunhofer FKIE*
Willie Nel, *CSIR*

Publicity Co-Chairs

Charlie Baylis, *Baylor University*
Patrick McCormick, *KU*

Local Arrangements Co-Chairs

Walt Downing, *SwRI*

Diversity, Equity, and Inclusion (DEI) Co-Chairs

Julie Jackson, *AFIT*
Abigail Hedden, *C5ISR*

Conference Manager

Coral Miller, *Conference Catalysts LLC*



Sponsorship & Exhibits



Sponsors Team: Haydn Nelson (NI), Mark Yeary (OU ARRC), Joe Guerri (ISL)

Diamond (2x)

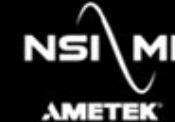


Platinum (5x)

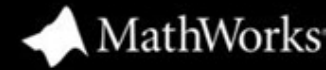


ROHDE & SCHWARZ
Make life real

Gold (14x)



Silver (10x)



Bronze (1x)

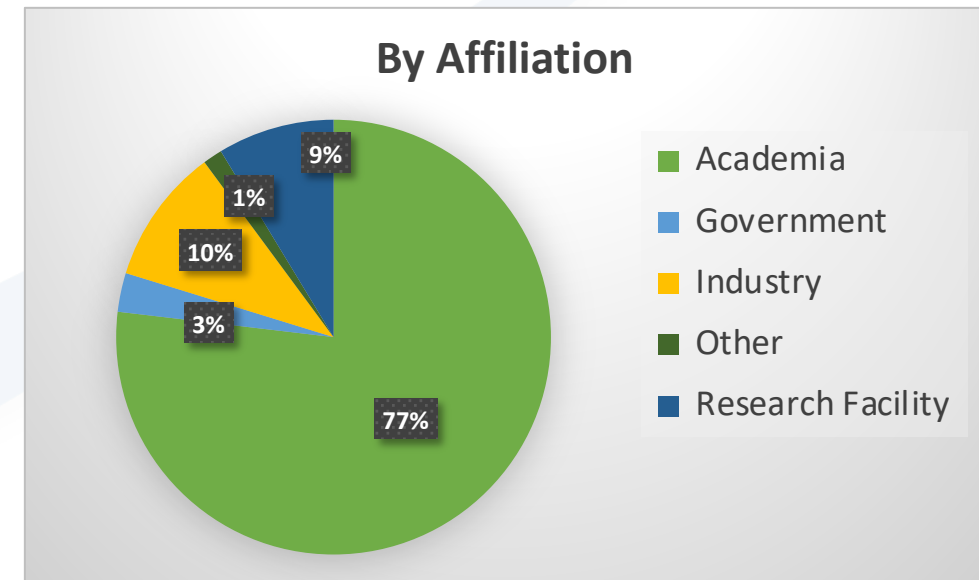
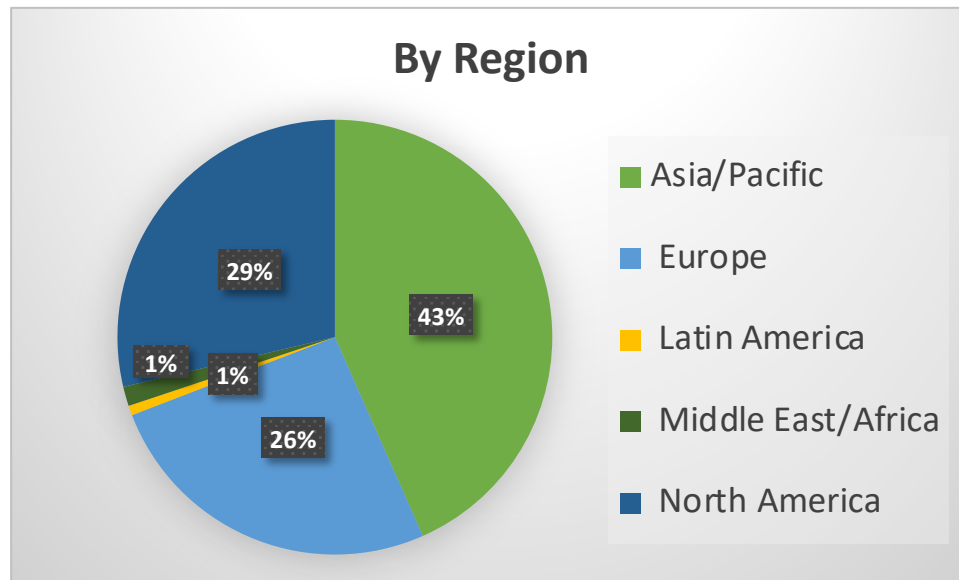


Total Expected Sponsorship Dollars : ~\$210K



Thank you to the authors from 31 different countries!

- 415 submitted papers
- 259 accepted papers (62%)



- 30% increase in food costs compared to listed 2020 contract pricing offset by outstanding corporate support (>\$200k) that resulted from the hard work of the conference exhibitor team
- Price shopping and negotiating was critical for keeping A/V and WiFi expenses within budget

Rough Budget as of May 1 – First Look (Updates Required)

Financial Items	Revenue	Expense
Registrations	\$521k	
Sponsors*	\$165.5k*	
Tutorials	\$45.4	
AESS Donations	\$14.5k	
Food and Bev.		\$314.1k
A/V, Power, Internet		\$48k
Conference Catalysts		\$56.2k
Publications / Decor		\$20.5k
Credit Card		\$18.5k
Tutorial		32k
Estimated Total	\$752k	\$489.3k

Tutorial Revenue Unknown

*Not all Sponsors Paid (project ~210k if all groups pay)

- In-Person vs. Virtual Attendance with CONFLUX
 - Mandated that all presenters / authors appear In-Person (many visa issues)
 - **Total Posters: 107, Posters Presented: 65 (42 Not Presented), Posters Displayed and Not Presented: 15, Visa Issues Reported: 15**
 - CONFLUX advantages for **regular registrations: 1)** opportunity to view presentations in parallel tracks, **2)** allows opportunity for additional international participation and mitigates travel risks (regular registration required), **3)** source of revenue (need to accumulate data to quantify), **4)** recorded presentations can be used by the IEEE eLearning library / archives.
 - CONFLUX costs ~**10k**
 - Smartphone CONFLUX app available for next year

- The Tutorials and Radar Boot Camp are the gateways to the industry community
- Some conflicts with the scheduled dates 5/1 – 5/5 to include other conferences (SPIE DCS) and finals week
 - Future conferences in this series should coordinate with other conferences if possible
- Update the conference “Best Practices” document for organizing future radar conferences to keep institutional knowledge