



IEEE Aerospace Electronic Systems

*2023 BoG Spring Meeting
San Antonio, Texas*

5-6 May 2023



- Introduce New Board of Governors & Officers
- AESS Strategic Planning Meeting Goals
- IEEE TAB Objectives
- Summary

2023 AESS Officers



President
Mark Davis



President-Elect
M. Sabrina Greco



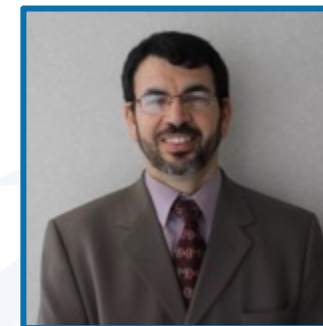
Past President
Walter Downing



Secretary
Kathleen Kramer



Treasurer
Mike Noble



VP Conferences
Braham Himed



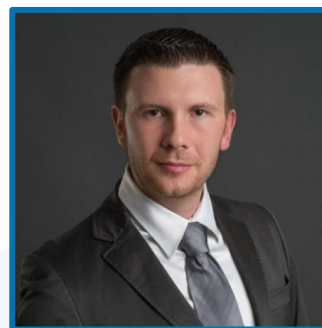
VP Education
Alexander Charlish



VP Finance
Peter Willett



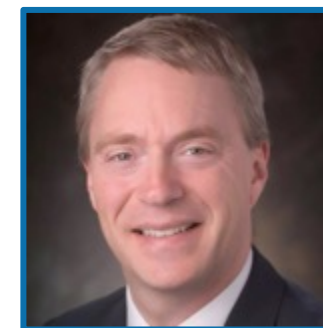
VP Industry Relations
Steve Butler



VP Member Services
Lorenzo Lo Monte



VP Publications
Lance Kaplan



VP Technical Operations
Michael Brasch

Class of 2021-2023



Laura Anitori



Steve Butler



Michael Cardinale



Alexander Charlish



Stefano Coraluppi



Braham Himed



Lorenzo Lo Monte



Peter Willett

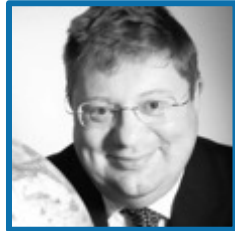
Class of 2022-2024



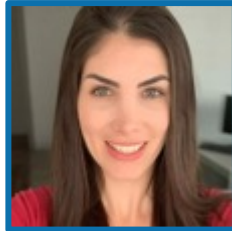
Alfonso Farina



M. Sabrina Greco



Hugh Griffiths



Laila Fabi
Moreira



Robert Rassa



Michael Noble



Roberto Sabatini



Puneet Mishra

Class of 2023-2025



W. Dale Blair



Arik Brown



Giuseppe A. Fabrizio



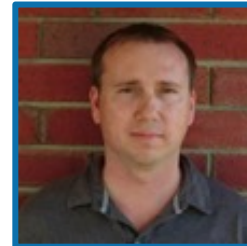
Francesca Filippini



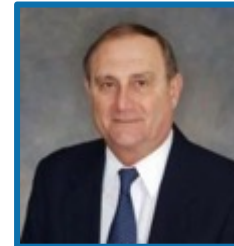
Wolfgang Koch



Marina Ruggieri



Luke Rosenberg



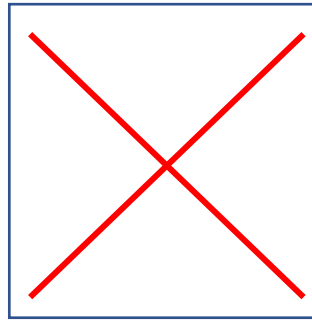
George Schmidt

Other Positions



**Undergraduate
Student Rep**
Mehak Jetly

Graduating
May 2023



**Graduate
Student Rep**
To be Selected



**Young
Professionals Rep**
Philipp Markiton



Operations Manager
Amanda Osborn

- ▶ Significant Increase in Diversity – Geographic, Gender/Age, Technical Breadth
- ▶ Conferences: Increase In Breadth And Surplus, With Students and WIE Content
- ▶ Publications: Significant Changes In Content, Magazine Quality, QEB Services
 - New Transactions On Radar Systems Passed Phase 1 Review
- ▶ Education: Strengthening (Virtual) Distinguished Lecture Programs, Short Courses
- ▶ Member Services: Increased Chapters In Region 9 and 10, Chapter Summits
- ▶ Awards: Michael Wicks Student Travel, System Engineering Scholarships

**AESS Has Made Significant And Recognized Progress
In Service To Our Members**

- TAB Chair – John Verboncoeur
 - Meeting and Events
 - Hybrid meetings done well can attract new/more participants
 - Streaming and recorded lectures for online participants
 - Provide more interactive live events such as panels that involve the audience
 - Strategy: Climate Change -- Develop a collaborative coordinated sustainable IEEE-wide effort
- TAB Treasurer -- Alaa Abunjaileh
 - Projects spending (3% and 50% rule) – make investments more effective and successful operationally and strategically
- TA Managing Director -- Mary Ward-Callan
 - Invest in mission-focused and new revenue generating areas: **Climate Change, SmartAg, Data, Video, Roadmapping**
 - Continue our **OA** initiatives, focusing on Conferences
 - Return Conference **Event Revenues/Net** to pre-COVID days

- AES 50th Anniversary Meeting – 14-15 February, Princeton NJ
- Virtual Distinguished Lecture Series
- Successful In-Person/ mini-Hybrid Board of Governors Meetings
 - Officers Meeting Pisa Italy
 - Spring BoG, New York City,
- Industry Panels at Flagship Conferences
- T-RS Proposal Operational – EIC and Treasurer In Place
- India Student Branch Initiative – Continuing To Establish Student Branch Chapters
- Technical Panel Activities Revitalized With Multiple Zoom Meetings
- AES Technology Initiative Grant Funding By IEEE TAB
- Chapter Meetings Planned For Region 9 and Region 10

Recent Activities for Membership

- ▶ **Trend:** Converging technologies are crossing multiple Society fields of interest
 - Multiple Society membership dues discounting to help encourage cross-Society partnership on projects and sharing volunteers (manual 2021, automated 2022)
 - Multiple Society membership discounting ad hoc committee considering a common approach for discounting dues to encourage an existing member to add an additional Society membership (2023 possible test)
- ▶ **Trend:** Concerns over the Fellows process with respect to industry candidates and diversity.
 - IEEE AdHoc on Fellows is reporting out in Society Presidents Forum.
- ▶ **Trend:** Reduced IEEE student memberships during COVID
 - MGA offered the FUTURE50 program discounting IEEE dues 50%, and several Societies duplicated that offering
 - TAB Management ad hoc to recommend more Societies duplicate the IEEE FUTURE50 offer
- ▶ **Trend:** Long-time low student membership join/retention rates
 - Several Societies reduced dues to \$1-5 to lower the hurdle for IEEE Students to join their Society

- AESS BoG Meeting – In-person (80%) + Dial In (20%)
 - Expect To Focus Each VP Areas On:
 - SWOT To Define AESS Strategies and Initiatives for Near Term (3 years)
 - Inter-Committee Collaboration To Improve Strategy Metrics
 - Inter-OU Collaboration For New Areas – Growth Of Technology
 - Sabrina Leading The AESS Strategy Efforts
 - Planning On Judicious Application Of AESS Investments
 - How Does AESS Innovate For Future?
- Think About How We Implement Strategy From BoG Meeting 24-25 March