



AESS Board of Governors Meeting

Nominations & Appointments

Joe Fabrizio, Chair

September 24-25, 2020

AESS N&A Committee 2020



Joe Fabrizio, Chair



Erik Blasch



Hugh Griffiths



Wolfgang Koch



Bob Lyons

AESS Board of Governors elected for 3-year term 2021-2023



Laura Anitori



Stefano Coraluppi



Steve Butler



Braham Himed



Michael Cardinale



Lorenzo Lo Monte



Alexander Charlish



Peter Willett

8/2/2021

AESS Officer Election Process

At a meeting of the Board of Governors, normally held before the First of November of every year, the Board of Governors shall appoint, from among current members, all Vice Presidents as defined in the Constitution who will take office on the First of January of the Following year. Such appointment shall occur after selection of their preferred candidate from the proposed slate. The President shall annually appoint, with the concurrence of a majority of the Board of Governors, a Secretary and a Treasurer.

AESS Officer Election Process

We will elect each VP one at a time. Each candidate will have 5 minutes to address the board, followed by 5 minutes for questions. When not speaking and during discussion, candidates will be moved into the Waiting Room.

Each vote will be taking by the polling feature in Zoom. Before we begin, Judy will take us through a practice vote.

Only voting members will be in the room to vote. Once the vote has taken place, the platform tallies the votes automatically and anonymously.

Slate Proposed by N&A Committee

MOTION: Joe Fabrizio moves that the list below be appointed by acclamation. This comes from committee, no 2nd needed.

Elect by acclamation:

- VP Conferences, Michael Braasch
- VP Education, Lorenzo Lo Monte
- VP Finance, Mike Cardinale
- VP Member Services, Fabiola Colone
- VP Industry Relations, Mike Noble

Election:

VP Publications

- Lance Kaplan
- Roy Streit

VP Technical Operations

- Dale Blair
- Marina Ruggieri

VP Publications

Lance Kaplan

Roy Streit

(place Roy Streit in the Waiting Room)

Lance Kaplan will have 5 minutes to address the Board and then there will be 5 minutes for Q&A.

VP Publications – Lance Kaplan



Lance M. Kaplan received the B.S. degree with distinction from Duke University, Durham, NC, in 1989 and the M.S. and Ph.D. degrees from the University of Southern California, Los Angeles, in 1991 and 1994, respectively, all in Electrical Engineering. From 1987–1990, Dr. Kaplan worked as a Technical Assistant at the Georgia Tech Research Institute. He held a National Science Foundation Graduate Fellowship and a USC Dean’s Merit Fellowship from 1990–1993, and worked as a Research Assistant in the Signal and Image Processing Institute at the University of Southern California from 1993–1994. Then, he worked on staff in the Reconnaissance Systems Department of the Hughes Aircraft

Company from 1994–1996. From 1996–2004, he was a member of the faculty in the Department of Engineering and a senior investigator in the Center of Theoretical Studies of Physical Systems (CTSPS) at Clark Atlanta University (CAU), Atlanta, GA. Currently, he is a researcher in the Context Aware Processing branch of the U.S Army Research Laboratory (ARL). Dr. Kaplan served on the Board of Governors for the IEEE Aerospace and Electronic Systems (AES) Society (2008-2013, 2018-2020) and as VP of Conferences for the International Society of Information Fusion (ISIF) (2014-Present). Previous, he served as Editor-In-Chief for the IEEE Transactions on AES (2012-2017) and on the Board of Directors of ISIF (2012-2014). He is a three time recipient of the Clark Atlanta University Electrical Engineering Instructional Excellence Award from 1999–2001. He is a Fellow of IEEE and of ARL. His current research interests include information/data fusion, reasoning under uncertainty, network science, resource management and signal and image processing.

VP Publications – Lance Kaplan Statement

The IEEE AESS can be proud of its publications. During and after my tenure as Transactions EIC, the impact factor for the Transactions has steadily increased. The Transactions continues to be the top venue for radar and target tracking articles. The Magazine underwent a facelift several years ago and is now attracting a steady stream of relevant special issues with high quality papers. In fact, the impact factor of the Magazine has increased fivefold. Nevertheless, AESS Publications need to adapt its business model to ever changing market pressures. As the VP for Publication, I feel that it will be my duty to understand these market forces and make sure that AESS publications are well positioned to remain viable, while, at the same time, continuing to serve its membership as a respected source of emerging knowledge in electronic systems technology supporting aerospace applications. To this end, we must continue to reduce the review times for our publications, support our many volunteer editors, and explore other opportunities to possibly expand our offerings to better serve our membership.

VP Publications

(place Lance Kaplan in the Waiting Room and bring back Roy Streit)

Roy Streit will have 5 minutes to address the Board and then there will be 5 minutes for Q&A.

VP Publications – Roy Streit



Dr. Streit a Life Fellow of the IEEE and a Senior Fellow at Metron. His recent research involves applications of analytic combinatorics to problems in multi-target, multi-sensor tracking, and to combinatorial optimization problems in cognitive fusion. He is the author/co-author of *Bayesian Multiple Target Tracking*, Artech, 2014, *Poisson Point Processes: Imaging, Tracking, Sensing*, Springer, 2010, and *Analytic Combinatorics for Multiple Object Tracking*, Springer, 2020. He has published numerous research papers in journals, conferences, and workshops. He holds nine US patents. He was a NATO Science and Technology Organization Lecturer (2010-2012 and 2015-2016).

He is on the Board of Governors of the IEEE AESS (AESS), serving as VP for Industry Relations in 2018. He is an AESS Distinguished Lecturer. He was President of the International Society for Information Fusion (ISIF) in 2012. He was General Co-Chair of two ISIF/IEEE Fusion Conferences: 2017, Xi'an, China; 2013, Istanbul, Turkey. He is the founding Editor-in-Chief of the ISIF Perspectives Magazine.

Prior to joining Metron in 2005, Dr. Streit was a Chief Research Scientist in the Senior Executive Service (SES) at the U.S. Naval Undersea Warfare Center. His work in support of submarine sonar automation was demonstrated on four major submarine passive sonar arrays.

Dr. Streit was an Exchange Scientist at DSTO in Adelaide, Australia, 1987–89; a Visiting Scientist, Yale University, 1982-84; and a Visiting Scholar, Stanford University, 1981-82. He was awarded the Department of the Navy Superior Civilian Achievement Award in 2004. He received his Ph.D. in Mathematics, University of Rhode Island, 1978.

VP Publications – Roy Streit Statement

Reducing the manuscript submission to review to revision(s) to acceptance and publication cycle requires constant attention. I will build on the progress that has already been made. Fresh eyes and team discussion may reveal further improvements. One goal of Magazine is to promote open discussion across our diverse Community. Another is to communicate the intrinsic value of the AESS to those “who walk in the front door” of our website. The Magazine needs to attract those who linger at the “front door” and want to peek inside. The Magazine and the Transactions work together to serve the AESS membership and show its value to those who are not (yet) members. The value of the Transactions resides in quality articles and guidance of recognized, experienced Associate Editors—it is imperative that they all understand their responsibilities *and* their authority by improving guidelines. All this must be done while maintaining and improving the fiscal integrity of the Society. I am the Founding Editor-in-Chief of the ISIF Perspectives Magazine, and I will bring my experience to VP Publications.

VP Publications

Place Lance Kaplan and Roy Streit in waiting room for discussion by the Board.

VP Publications

Bring Lance and Roy back for the vote.

VOTE NOW

Announce winner

Lance Kaplan is elected.

VP Technical Operations

Dale Blair

Marina Ruggieri

(Move Marina Ruggieri to the Waiting Room)

Dale Blair will have 5 minutes to address the Board and then there will be 5 minutes for Q&A.

VP Technical Operations – Dale Blair



Dale Blair is a Principal Research Engineer with the Georgia Tech Research Institute (GTRI) and GTRI Fellow. He received the Ph.D. degree in Electrical Engineering from the University of Virginia. His publications include coeditor and coauthor of Multitarget-Multisensor Tracking: Applications and Advances III (ARTECH House, 2000); two chapters in Principles of Modern Radar: Vol I (SciTech Publishing, 2010); a chapter in Modeling and Simulation Support for System of Systems Engineering Applications (Wiley, 2015); 38 refereed journal articles, more than 42 refereed conference papers; and more than 120 other technical papers and reports. His editorial

accomplishments include Editor for Radar Systems of the IEEE Transactions on Aerospace and Electronic Systems (T-AES) (1996-1999), Editor-In-Chief (EIC) of the T-AES (1999-2005), and founding EIC for the Journal for Advances in Information Fusion (2005-2013). Dale has served the IEEE AESS BoG as Associate VP for Publications (2008-2011), Chair for Strategic Planning (2009-2010), and VP for Publications (2015-2017). He is serving in his 19th year as a member of the BoG. Dr. Blair served International Society for Information Fusion (ISIF) as President in 2005, as VP for Conferences (2006-2012), and VP for Publications (2012-present). Dr. Blair has served as the general chair for two IEEE conferences and a member of the organizing committee for more than ten professional conferences. He reviews regularly for conferences and journals.

VP Technical Operations – Dale Blair

Statement

I think that Technical Operations is our best opportunity for engaging our members from industry, adding value to their careers, and making those critical connections between our members from industry and members from academia. The IEEE AESS Radar Systems panel with its conferences, awards, training, and standards is our best example of this role that a technical operations can plan in engaging AESS members. The Gyro and Acceleration Panel and its standards activities is another good example. My objective as VP for Technical Operations will be to increase the number of IEEE AESS members that see value in membership in IEEE and IEEE AESS.

VP Technical Operations

(place Dale Blair in the Waiting Room and bring back Marina Ruggieri)

Marina Ruggieri will have 5 minutes to address the Board and then there will be 5 minutes for Q&A.

VP Technical Operations – Marina Ruggieri



- Full Professor of Telecommunications Engineering at the University of Roma “Tor Vergata”, therein member of the Board of Directors and co-founder and Steering Board Chair of a cross-disciplinary research center for innovative communications infrastructures and applications
- P.I. of the 40/50 GHz communications experiment of the TDP5 payload on-board the ESA Alphasat satellite, launched in 2013; Arbitrator of the Italian Industry Federation for Aerospace, Defense and Security
- IEEE AESS secretary and member of the Board of Governors (2019-2021)
- IEEE Technical Expert, recognized in 2019 as “Impact Creator”
- co-creator of the AESS Technical Panel on “Glue Technologies for Space Systems”
- author or coauthor of 350 papers, 1 patent and 12 books
- inducted as a Professional into the IEEE Honor Society HKN
- IEEE Fellow (*for contributions to millimeter-wave satellite communications*).

VP Technical Operations – Marina Ruggieri

She has been:

- Vice Chair of the Italian Space Agency Technical-Scientific Council; member of the Council of Experts for Research Policy of the Italian Ministry
- Chair, AESS Technical Operations – Future Directions Committee (2019)
- IEEE Vice President, Technical Activities (2017), IEEE Division IX Director (2014-2015), AESS President (2010-2011); editor for Space Systems in TAES (2001-2015); Associate/Sector Editor and Assistant Editor of Systems Magazine (2005-2009); AESS Int. Director of Italy & Western Europe (2005-2014)
- awarded: 1990 Piero Fanti International Prize; 2009 Pisa Woman Award; 2013 Excellent Women in Roma Award. She received Excellent and Best Paper Awards and the 2011 AESS Service Award.

VP Technical Operations – Marina Ruggieri

Statement

I am honored to be a candidate for AESS VP, TO.

Since 20 years, AESS is my technical home and the place where my technical and scientific roots met the IEEE volunteer world.

Technical passion and vision of future perspectives inspire my profession and the volunteer activities within AESS.

As Chair of the AESS TO Future Directions Committee, I had the opportunity to get closer to the AESS Technical Panels and to identify potential steps forward. As co-creator of the new Panel on “Glue Technologies for Space Systems”, I am experiencing the challenge and the benefit of making AESS the core of a new approach that gathers a diverse and promising community around the future of space systems.

As VP, TO I would have not only the opportunity of serving our current membership and expanding it through the technical interests, but also to make TO the gate to experience new topics, to involve AESS within new domains that could potentially expand the Field of Interest and make AESS able to cope with any future challenge.

VP Technical Operations

Place Dale Blair and Marina Ruggieri in waiting room for discussion by the Board.

VP Technical Operations

Bring Dale and Marina back for the vote.

VOTE NOW

Announce winner

Marina Ruggieri is elected.