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AESS QEB, Issue 14 January, 2013

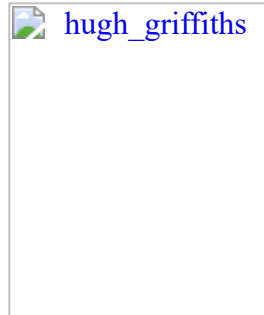
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Welcome Message
by Hugh Griffiths
AESS President 2012-2013

 [hugh_griffiths](#)



Did You Know?

Did you know that AESS is on [LinkedIn](#) and [Facebook](#)? Please join us!

1 January marks the appointment of eight members of the AESS Board of Governors for a three year term. Six are appointed by election by AESS members and two by the Board of Governors. It is a pleasure to welcome Wolfgang Koch, Kathleen Kramer, Jim Leonard, Leo Lighthart, Ron Ogan, Roger Oliva, George Schmidt and Iram Weinstein. I also extend my thanks on behalf of the Society to Jim Howard, Reza Dizaji, Frank Reyes, Reece Lumsden and Theo Saunders, who are stepping down.

Awards

2013 AESS Fellows

Congratulations to the following AESS members elevated to Fellow in 2013:

Erwin Gangl
CACI, Inc.

for development of digital avionics intra-communication systems and Mil-Std-1553

Marshall Greenspan
Northrop Grumman

for contributions to design and development multi-channel radars

You may ask what the Board of Governors actually does. We are responsible for managing the affairs of the Society, setting a strategy and carrying it out. This includes Publications, Conferences, Education, Industry Relations, Membership, Finance and Technical Operations – each headed by a Vice-President (VP). More detailed information on the composition of the Board and its work can be found on the AESS website.

I am keen that the Board is visible to the wider membership, so I have arranged as far as possible that our meetings coincide with conferences – last year at PLANS in May and AUTOTESTCON in September. The Spring meeting this year will be at the RADARCON conference in Ottawa, Canada, and we look forward to meeting and to talking to as many of you as possible.

**Antonio De Maio
Univ. of Naples
"Federico II"**

*for contributions to
radar signal processing*

**Call for Nominations -
Frank McGinnis
Award - Nomination
deadline 31 May 2013**

The prestigious Frank McGinnis Professional Achievement Award will be presented at IEEE AUTOTESTCON 2013 in Schaumburg, IL on September 19, 2013 to the individual who best upholds the tradition of advancing the field of Automated Test. This award is named for Automated Test pioneer and Sperry employee, the late Frank McGinnis, who spearheaded a Navy (1975) and then a Joint Services (1978) Automatic Test Project to identify and recommend those areas where the military should invest in automated test research & development, and improve management practices. It resulted in the formation of the National Defense Industrial Association (NDIA) Automatic Test Committee which endures today, and which also holds one of its annual meetings in conjunction with AUTOTESTCON. The award includes recognition on a perpetual crystal trophy, an obelisk, and

It cannot have escaped your notice that the format of the AESS Magazine has changed – and we hope you will agree, very much for the better. This new format and new content is the result of many months of thought and planning, and I would particularly like to thank Teresa Pace as Editor-in-Chief of the Magazine and Peter Willett as VP of Publications for all of their hard work in bringing this project to fruition.

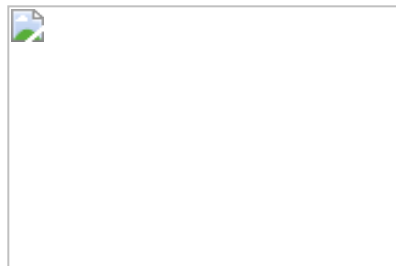
Of course, we welcome your feedback. Please let us know what you think, and let us have your suggestions for how we can further improve the Magazine.

This time also marks the retirement of Dave Dobson, Administrative Editor for the Magazine. Dave has been the driving force behind the production of the Magazine for several decades. We will be marking his retirement with a banquet and presentation, and no doubt photographs of that occasion will appear in a future issue of the Magazine. Our sincere thanks and our best wishes go to Dave on his retirement.

Hugh Griffiths
AESS President

The **AESS Board of Governors** held their Spring 2013 Officers' Meeting on January 26, 2013 in Washington, DC. The purpose of this meeting was strictly strategic planning.

The meeting was followed with a very special event, a dinner in honor of David Dobson, retiring Administrative Editor for the AESS Publications. The dinner was held at the JW Marriott in downtown Washington, DC. Dave was honored with gifts, cards, and letters of appreciation for his 53 years of service.



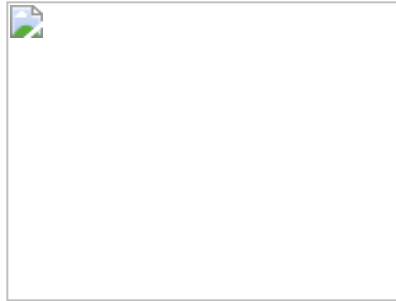
Hugh Griffiths presents President's Award to Dave Dobson

\$2000.00. The perpetual crystal trophy is on display at the National Electronics Museum in Linthicum, Maryland. It was previously known as the Westinghouse Radar Museum.



For more information and the nomination form, [click here](#)

Peter Willett and Lance Kaplan present Dave with a signed Transactions on AES

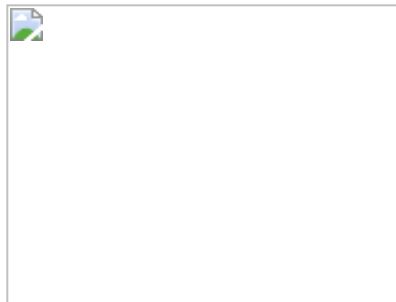


Membership

VP Membership, Larry Chasteen in the news....

[Click here for article: US military expert talks of missile power](#)

Teresa Pace and Maria Greco present Dave with a gift of appreciation



AESS BoG Member, Walt Downing has been appointed to chair a committee of the St. Mary's University Board of Trustees to lead the development of a strategic vision for the College of Science, Engineering and Technology.

Bill and Suzanne Walsh present Dave with a memory book



Education

If you haven't explored our [Educational Video Tutorial System](#) on the AESS website, this would be a good time to do so because we've added several new entries. In addition to the six tutorials listed on that page for AESS members, we have added links to several other sites offering

Dale Blair gave a tribute to Dave and presented him with a handmade chair for his home

coursework and lectures that may be of interest to our members. Look under [Other Tutorials](#) tab to access them. The Radar Systems Engineering Course is constantly being expanded, and now contains seventeen segments, each with a video lecture and downloadable pdf copies of the slides. Also, we've just added a link to several interesting lectures that were presented at meetings of the Seattle Section.

These links are provided as a service of our members. If you know of others that would interest our members, please let us know by email to [Dr. Joe Fabrizio](#), our VP for Education.

5th International Summer School on Radar/SAR

July 12-19, 2013

[Please visit the website](#)

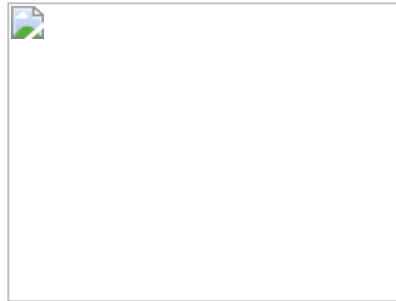
Deadline for application:
March 18, 2013

AESS Web Site

As a service to our members, the AESS website has job opportunities listed. Please visit the [AESS](#)



David Dobson



David Dobson ended the evening with his reflections on the past 50 years

IEEE AESS Society Expense Reporting Process

[Click here for more information](#)

[IEEE Expense Reporting Form](#)

Conference Information

Please go to the [AESS Website](#) to see a list of upcoming conferences.

Technical Operations

AESS Technical Panels: Call for Participation

To participate in any of our 10 Technical Panels, please contact the following chairs:

Aerospace Control & Guidance Systems:
[Lou Knotts](#)

[webiste, Job Opportunities.](#)

2013 AESS
Board of Governors

2011-2013:
Erik Blasch
Larry Chasteen
Mark Davis
George Dean
Robert Ewing
Alfonso Farina
Peter Willett

2012-2014:
Yuri Abramovich
W. Dale Blair
Walter Downing
Joe Fabrizio
Maria Greco
Lance Kaplan
Robert P. Lyons, Jr.
Teresa Pace

2013-2015:
Wolfgang Koch
Kathleen Kramer
James Leonard
Leo Ligthart
Ron Ogan
Roger Oliva
George Schmidt
Iram Weinstein

Aerospace Systems Integration Engineering:
Chair Open (contact [Roger Oliva](#), VP Technical Activities)

Aerospace Workforce:
Chair Open (contact [Roger Oliva](#), VP Technical Activities)

Avionics Systems:
[Paul Kostek](#)

Cyber Security:
[Fred Wright](#)

Gyro and Accelerometer:
[Randall Curey](#)

Radar Systems:
[Mark Davis](#)

Space Systems:
[Cosimo Stallo](#)

Target Tracking:
[Hody Lambert](#)

UAV:
[George Dean](#)

Publications

Call for Papers - IEEE Aerospace and Electronic Systems Magazine
Special Issue on Wide-Area and Staring Synthetic Aperture Radar
[Click here for full CFP.](#)

Systems Magazine Archives

Did you know that we have Systems Magazine Archives on the AESS web site? Click [here](#).

Upcoming in Systems Magaizine. . .

"NASA's Space Communications and Navigation Test Bed aboard the International Space Station" -
R. C. Reinhart, T. J. Kacpura, S. K. Johnson, and J. P. Lux

"Performance Analysis of China Dual-Frequency Airborne Precipitation Radar" -
J. Shang, H. Yang, H. Yin, Q. Wu, Y. Guo, and P. Zhang

"Multifrequency Integration in FM Radio-Based Passive Bistatic Radar. Part I: Target Detection" -
F. Colone, C. Bongioanni, P. Lombardo

"Multifrequency Integration in FM Radio-Based Passive Bistatic Radar. Part II: Direction of Arrival Estimation" -
F. Colone, C. Bongioanni, P. Lombardo

"Book Review: Fundamentals of Object TrackingI" -
L. Svensson

Upcoming Transactions Posted on the AESS Website

For a listing of Upcoming Transactions, please visit the [AESS website, Upcoming Transactions.](#)

Open Access Policy

In accordance with IEEE policies regarding open access (OA) content, the AES Transactions has become a “hybrid” journal for submissions dated November 1st 2012 or later. This means that authors have the choice between the traditional publication model and an OA model. The former is the familiar procedure in which an accepted article is available on IEEEExplore to subscribers of that service. Under the OA model the author of an accepted manuscript chooses to pay a fee, such that the manuscript is posted on IEEEExplore and available, free, to all. The current OA fee is \$1750 per article, and this figure is independent of manuscript type (regular, correspondence or letter).

To submit new articles, please send an email with your article to AESS QEB Editor, [Cosimo Stallo](#), subject line: "Quarterly Email Blast Article Submission". The next publication will be in January, 2013, deadline for submission is March 15, 2013.