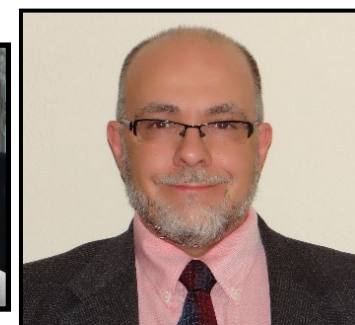
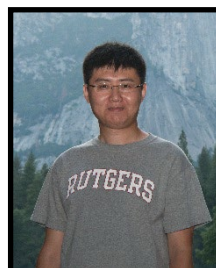




**Erwin C. Gangl**  
**Awards Chairman**  
**10 May 2017**  
**AESS AWARDS**



# **PIONEER AWARD**

## **2016 Pioneer Award**

Was Presented to:

**William J. Baldygo and  
Dr. Michael C. Wicks**

at the

**2016 IEEE/AIAA 35<sup>th</sup> Digital  
Avionics Systems Conference (DASC)**

28 September 2016

Sacramento, California, USA

for

***“Algorithm Development, Experimental Demonstration, and Transition of  
Expert System Constant False Alarm Rate (CFAR) to Airborne Radar Systems”***

Nominator: Dr. Richard A. Schneible

Presenter: Dr. Paul Kostek

# Judith A. Resnik Space Award

## 2016 Resnik Space Award

Was Presented to:

**Dr. Richard Scott Erwin**

at the

**2016 IEEE Conference on  
Decision and Control**

13 December 2016

Las Vegas, Nevada, USA

for

***“Outstanding Contributions to Spacecraft Vibration  
Isolation Technologies and Ultra-Precision Pointing  
of Large Flexible Space Platforms”***

Nominator: Dr. Maruthi Akella

Presenter: Dr. George Schmidt



# Outstanding Organizational Leadership Award



Sample  
Plaque

## **2017 Leadership Award to Dr. Eli Brookner**

*“For Organizing Conferences, Workshops and Lectures, World-Wide  
Teaching Radar Concepts, Especially to Young Engineers”*

Presented at the 2017 Radar Conference, Seattle WA

10 May 2017

# **WARREN D. WHITE AWARD**

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**2017 Warren D. White Award**

to

**Prof. Ram Mohan Narayanan**

*“For Contributions To High Resolution Radar System Development, Signal Processing and Applications”*



Presented at:

2017 Radar Conference  
Seattle, Washington  
10 May 2017

Nominator: Prof. Moeness Amin



# 2017 Fred Nathanson Memorial Radar Award [Plus Nathanson Education Grant]

to

**Dr. Piotr Samczynski**

for

*“For Outstanding Contributions to the Field of Passive Radar Imaging”*



Presented at the

2017 Radar Conference  
Seattle, Washington

10 May 2017

Nominator: Dr. Lorenzo Lo Monte



Sample Plaque

# 2017 IEEE Dennis Picard Medal for Radar Technologies and Applications



Sponsored by: The Raytheon Company

Winner: **Prof. Hugh Griffiths**

University College London, London, United Kingdom

*“For Technical Leadership and Exceptional  
Contributions to Multistatic Radar.”*

Prize: Gold Medal, Bronze Replica  
and honorarium

To be Presented at the: IEEE Honors Ceremony  
25 May 2017, Palace Hotel, San Francisco, CA

# 2016 PLANS Walter Fried Best Paper Award



Karen Galuchie, Exec. Director, IEEE Foundation (left);  
Dr. Kristopher Kozak, Fried Award Winner (center);  
Dr. Michael Braasch, IEEE/ION PLANS Liaison (right).



Sample Fried Plaque



Sample Fried Certificate

**Dr. Kristopher Kozak**

With Co-Author: **Marc Alban**

for:

***“Ranger: A Ground-Facing Camera-Based Localization System For Ground Vehicles”***

Was Presented at the 2016 PLANS Conference  
15 April 2016, Savannah, Georgia



# 2016 Harry Rowe Mimno Award

for the August 2015 AESS Magazine Article:

***“ESTCube-1 In-Orbit Experience and Lessons Learned”***

Will be Presented at the IEEE RAST2017 Conference

20 June 2017, Istanbul, Turkey.



**Dr. Andris Slavinskis**

Lead Author

Plaque & Honorarium

**Aerospace & Electronic Systems  
Society**



Co-Authors: Mihkel Pajusalu, Henri Kuuste, Erik Ilbis, Tonis Eenmaa, Indrek Sunter, Kaspars Laizans, Hendrik Ehrpais, Paul Liias, Erik Kulu, Jaan Viru, Jaanus Kalde, Urmas Kvell, Johan Kutt, Karlis Zalite, Karoli Kahn, Silver Latt, Jouni Envall, Petri Toivanen, Jouni Polkko, Pekka Janhunen, Roland Rosta, Taneli Kalvas, Riho Vendt, Viljo Allik, Mart Noorma: Will be receiving IEEE/AESS Certificates.



# 2012 M. Barry Carlton Award



Dr. K. James Sangston



Prof. Fulvio Gini



Dr. Maria S. Greco

to:

**Dr. Kevin James Sangston, Professor Fulvio Gini and  
Dr. Maria Sabrina Greco**

For the January 2012 Transaction Article:

*“Coherent Radar Target Detection in Heavy-Tailed Compound-Gaussian Clutter”*

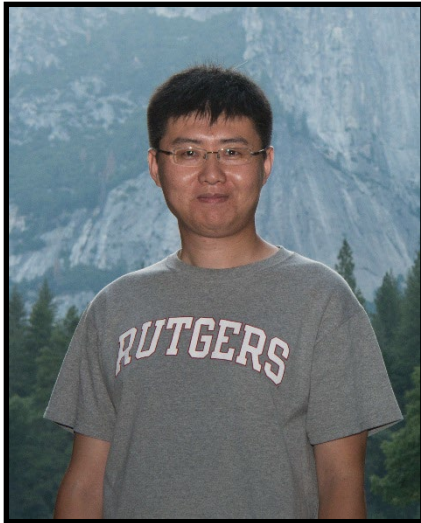
Presented at:

2017 IEEE Radar Conference

Seattle, Washington, USA

10 May 2017

# 2017 Robert T. Hill Memorial Award



Presented to:  
**Dr. Shunqiao Sun**



Sample Plaque

In Recognition of his Ph.D. Dissertation

***“MIMO Radars with Sparse Sensing***

Presented at:  
IEEE Radar Conference  
Seattle, Washington  
10 May 2017

# Review of AESS Awards Process

**ACTION ITEM:** Joe Fabrizio – Organize and lead the adhoc committee to review all awards and associated policies. Committee: Joe Fabrizio, Chair; Bob Rassa, Marina Ruggieri, Dale Blair, Peter Willett, Alfonso Farina, Mike Wicks. AI-0658

## Items to Review:

- Cost of plaques: The Pioneer Award plaque, for example, is \$3,000. This is unnecessary. A very nice plaque from IEEE can be ordered for under \$200.
- Limit the Pioneer Award to a single individual, or if multiple winners, only one plaque is given.
- Best Practice: Have a BoG member that is already in attendance at a particular conference where awards are being presented, make the award presentation.

# Review of AESS Awards Process

Actions to date:

- Joe Fabrizio has done an extensive review of all AESS Awards and has developed a spreadsheet with pertinent details and nomination deadlines.

Future actions:

- Meet with the Awards AdHoc Committee in the month of July.
- Review all Awards, prize money, prize items given, eligibility requirements, nomination deadlines.
- Make any necessary changes to the Awards criteria. Send to IEEE TAB-ARC for approval and inclusion in the TAB Awards Manual
- Review the recommendation from Joe Fabrizio that the Awards Chair position be occupied by a current BoG member. Many societies give this duty to the Sr. Past President.
- Bring the committee recommendations before the BoG at the Fall 2017 BoG meeting, outlining all processes in an Awards Process Document.