



**Erwin C Gangl**  
**Awards Chairman**  
**9 October 2016**  
**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

Will be 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



## **2014 Leadership Award to Prof. Ramjee Prasad**

*“For Organizational Leadership in developing and globalizing the CTIF  
(Center for TeleInFrastruktur) Research Network”*

Was Presented at the 2014 AUTOTEST Conference

17 September 2014

# **WARREN D. WHITE AWARD**

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**2016 Warren D. White Award**

to

**James Day**

*“For Contributions Towards Developing And Fielding  
Advanced US Navy Airborne Early Warning Radars”*



Was Presented at:  
2016 Radar Conference  
Philadelphia, Pennsylvania  
4 May 2016

Nominator: Dr. Mark Davis



# 2016 Fred Nathanson Memorial Radar Award [Plus Nathanson Education Grant]

to

**Dr. Ryan Hersey**

for

*“For Contributions to Dismount Moving Target Indication and Adaptive Radar Signal Processing”*



Was Presented at the  
2016 Radar Conference  
Philadelphia, Pennsylvania  
4 May 2016



Sample Plaque

Nominator: Dr. Gregory A. Showman

# 2016 IEEE Dennis Picard Medal for Radar Technologies and Applications



Sponsored by: The Raytheon Company

Winner: **Prof. NADAV LEVANON**

(LFIEEE)--Professor Tel Aviv University, Tel Aviv, Israel

*“For contributions to radar signal design and analysis, pulse compression, and signal processing.”*

Prize: Gold Medal, Bronze Replica and honorarium

Presented at the: IEEE Honors Ceremony on 18 June 2016, Gotham Hall, New York, NY

# 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



# 2015 Harry Rowe Mimno Award

for the September 2014 AEISS Magazine Article:

## *“Planning and Design Phases of a Commensal Radar System in the FM Broadcast Band”*

Was Presented at the IEEE Radar Conference  
4 May 2016, Philadelphia, Pennsylvania.



Prof. Michael Inggs



Dr. Craig Tong



Gunther Lange



Dr. Francois Maasdorp



Prof. Amit K. Mishra



Dr. Roaldje Nadjiasngar

# 2011 M. Barry Carlton Award



Dr. Masafumi  
Miyatake



Prof. Mummadi  
Veerachary



Fuhito Toriumi



Nobuhiko Fujii



Dr. Hideyoshi Ko

to:

**Masafumi Miyatake, Mummadi Veerachary,  
Fuhito Toriumi, Nobuhiko Fujii, Hideyoshi Ko**

For the January 2011 Transaction Article:

***“Maximum Power Point Tracking of Multiple Photovoltaic Arrays:  
A Particle Swarm Optimization Approach”***

Will be Presented at  
2016 International SpaceWire Conference  
Yokohama, Japan  
26 October 2016

# 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”*

Will be Presented at  
2017 IEEE Radar Conference  
Seattle, Washington, USA  
8 - 12 May 2017

# 2016 Robert T. Hill Memorial Award



Presented to:  
**Dr. Bosung Kang**



In Recognition of his Ph.D. Dissertation

***ROBUST COVARIANCE MATRIX ESTIMATION FOR  
RADAR SPACE-TIME ADAPTIVE PROCESSING (STAP)***

Was Presented at the  
IEEE Radar Conference  
Philadelphia, Pennsylvania  
4 May 2016