



Erwin C Gangl
Awards Chairman
3 May 2013
AEISS AWARDS



PIONEER AWARD

2012 Pioneer Award

Presented to:

Dr. Asad M. Madni

at

2012 DASC

17 October 2012

Williamsburg, Virginia

for

*“For Seminal and Pioneering Contributions to the
Development and Commercialization of
Aerospace Electronic Systems”*

Nominator: Johnny Vu



WARREN D. WHITE AWARD

2013 Warren D. White Award

to

Dr. Muralidhar Rangaswamy

*“For Fundamental Contributions to
Advanced Radar Signal Processing”*



Was Presented at:

2013 Radar Conference

Ottawa, Canada

1 May 2013

Nominator: Dr. Michael Wicks



2011 Harry Rowe Mimno Award



to:

Professor Fredrik Gustafsson

for the July 2010 AESS Magazine Paper:

“Particle Filter Theory and Practice with Positioning Applications”

Award was Presented at the 2012 Fusion Conference

9-12 July 2012, Singapore

2009 M. Barry Carlton Award



to:

Dr. John W. Betz and Dr. Kevin R. Kolodziejski

For the October 2009 Two-Part Transaction Article:

***“Generalized Theory of Code Tracking with Early-Late Discriminator;
Part 1: Lower Bound and Coherent Processing and
Part 2: Noncoherent Processing and Numerical Results”***

Award was Presented at the 2012 PLANS Conference
26 April 2012, Myrtle Beach, South Carolina

2012 PLANS Walter Fried Best Paper Award



To: **Jahshan A. Bhatti**

With Co-Authors:

Todd E. Humphreys and Brent M. Ledvina for:

“Development and Demonstration of a TDOA-Based GNSS Interference Signal Localization System”

Presented at the 2012 PLANS Conference
26 April 2012, Myrtle Beach, South Carolina

2013 Fred Nathanson Memorial Radar Award

[Plus Nathanson Education Grant]

to:

Professor Marco Martorella



Was Presented at

2013 Radar Conference
Ottawa, Canada

1 May 2013



Nominator: Dr. Braham Himed

Judith A. Resnik IEEE Field Award

2012 Judith A. Resnik Award

to



Prof. Pramod Kumar Varshney

IEEE Fellow and Distinguished Professor,
Syracuse University, Syracuse, New York
AESS Distinguished Lecturer on “Multi-Sensor Fusion”

*“For Contributions and Leadership in the Theory and Practice of
Multi-Sensor Data Fusion for Aerospace, Bioengineering and
Control Applications”*

Outstanding Organizational Leadership Award



In AESS' Field of Interest

- Conferences
- Seminars
- Workshops
- Tutorials
- Collaborative & Visionary Events
- Innovation
- Unique Organizational Approach
- Linking Industry, Academia & Government
- Global Reach

- ❑ The events that will be considered for the award can be very different in nature: a pattern of conferences, seminars, workshops; tutorials or even single focused events that shows a clear potential for supporting AESS's fields of interest and IEEE's vision as well as future growth in AESS or AESS's fields of interest; educational patterns; experimental-based events, etc.; or collaborative events that broaden AESS' reach through interaction with synergistic organizations.
- ❑ Desirable nominee characteristics are: innovation in content and/or organizational approach; constructively bringing together industry, academia and government; visionary events that lead to new AESS services and/or advances in the fields; or those that advance AESS on a global basis; and those for which the candidate grows capability over multiple events and time.

- *Advertise for Candidates in the Magazine, in the Quarterly Email Blast and on the AESS Website*
- *Involve all of the AESS BOG members in the Selection Process via Secret Ballot*
- *Present the Award at an AESS Conference and Advertise Widely the Winner's Accomplishments*