AESS AWARDS

★

Erwin Gangl
Awards Chairman
18 September 2010

PIONEER AWARD

2010 Pioneer Award

Presented to:

Daniel A Tazartes

at

2010 AUTOTESTCON

16 September 2010
Orlando, Florida

for

"Pioneering Contributions to the Development of Strapdown Inertial Instruments"

Dr. James Huddle, Nominator

Aerospace & Electronic Systems Society

IEEE

WARREN D. WHITE AWARD

2010 Warren D. White Award

to

Dr. Karl R. Gerlach

"For Contributions to Adaptive Radar Signal Processing"

Was Presented at:
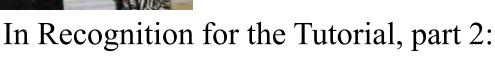
2010 Radar Conference
Washington, DC

12 May 2010

Harry Rowe Mimno Award
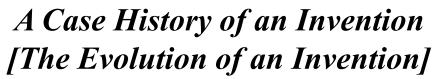
2007 Harry Rowe Mimno Award

to

John B. McKinney

In Recognition for the Tutorial, part 2:

A Case History of an Invention
[The Evolution of an Invention]

Published in the AES Systems Magazine, August 2006
Presented
23 January 2010
Memphis, TN

Harry Rowe Mimno Award

2008 Harry Rowe Mimno Award

to:

- **Dr. Emiliano Aldabas**
- **Dr. Luis Romeral**
- **Dr. Javier Alveiro Rosero**
- **Dr. Juan Antonio Ortega**

for the March 2007 AESS Magazine Paper:

"Moving Towards A More Electric Aircraft"

Award was Presented at the 2009 International Radar Conference
14 Oct 09, Bordeaux, France

Aerospace & Electronic Systems Society

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M. Barry Carlton Award

2007 M. Barry Carlton Award

to:

Dr. Ronald P. Mahler

for October 2007 Transaction Paper:

"PHD Filters of Higher Order in Target Number"

Award was Presented at the 2010 Radar Conference
12 May 10, Washington, DC

◆ IEEE

PLANS Walter Fried Best Paper Award

The 2010 Winner

Kathryn A. Daltorio

With Co-Authors

Amaury D. Rolin, Jonathan A. Beno, Bradley E. Hughes, Alexander Schepelmann, Michael S. Branicky, Roger D. Quinn, and James M. Green for:

"An Obstacle-Edging Reflex for an Autonomous Lawnmower"

Presented at the 2010 PLANS Conference

6 May 2010

Fred Nathanson Award

2010 Fred Nathanson Memorial Radar Award

[Plus Nathanson Education Grant]

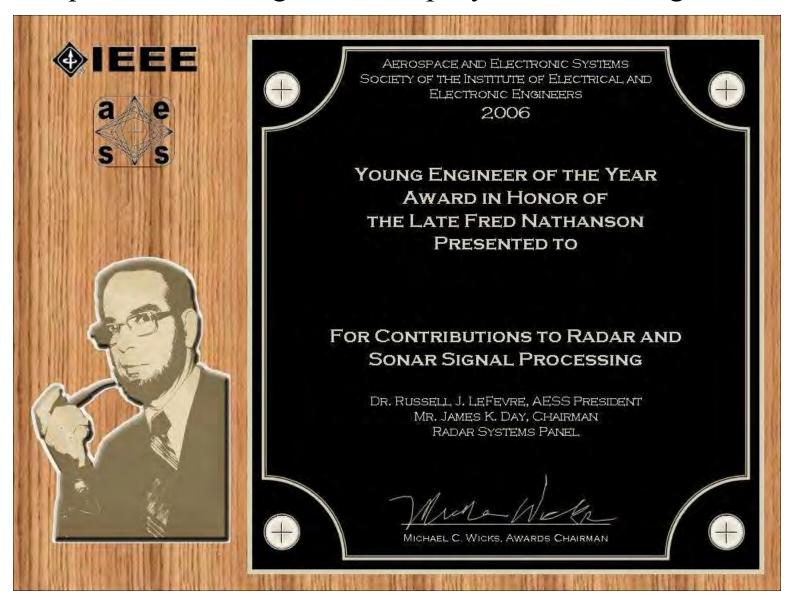to:

Dr. Antonio DeMaio

Was Presented at

2010 Radar Conference

Washington, DC

12 May 2010

Note: Plaque to be Redesigned to Simplify Manufacturing & Save Costs

Just a "Style" Example

IEEE AESS
Outstanding Organizational Leadership Award

This award is to recognize candidates that have the unique capability of conceiving and organizing innovative and successful events, who excel as visionaries and/or organizers of events, especially over time and on a global basis, in the AESS fields of interest that benefit these fields and also meet IEEE's vision of "enhance global prosperity".

- ➤ IEEE Logo
- ➤ AESS Logo
- ➤ Award Name
- ➤ Winner's Name

- ➤ For …
- ➤ Award Date
- ➤ President's Signature

Issue: Who Qualifies & Who Nominates?

Another Issue - Nominators

➢ We need to somehow recognize nominators

➢ Right now, it's a thankless job and few are volunteering

➢ Very little participation by non-US members

➢ Recognition could be: A mini-plaque or certificate, an AESS coin, a cash award, or something ….. anything!

◈**IEEE**

Award Venue Priorities

1. AESS Sponsored Conference w/ BOG Meeting

2. AESS Sponsored Conference

3. AESS Co-Sponsored Conference

4. IEEE Conference (that Winner can make)

5. Local IEEE Section or AESS Chapter

6. Mail to Winner

Judith A. Resnik IEEE Field Award

2010 Judith A. Resnik Award

to

Dr. Surendra Pal

Presented
By Dr. V. K. Aatre
At the

AESS Bangalore Section, India

14 Feb 10

Aerospace & Electronic Systems Society

IEEE

Judith A. Resnik IEEE Field Award

➢ Dr. David Hodges, IEEE Awards Committee Chair, Indicated that the Resnik Award may be Discontinued due to Lack of Nominations

➢ Reason Stated was too Narrow of a Scope

➢ Sponsoring Societies are AESS (Prof. Marina Ruggieri), CSS (Dr. Roberto Tempo) & EMBS (Dr. Bin Ha/Dr. Jose Principe)

➢ CSS & EMBS have no Problem with the Scope, CSS Complaint is that only one Winner Since Inception (1989) was Control Oriented

➢ Spoke with Field Award Staff (Ellen Bucco) – IEEE Decided to Keep the Resnik Award on Probation for another Year

➢ The Problem … **NOMINATIONS!**

Judith A. Resnik IEEE Field Award

2007 IEEE JUDITH A. RESNIK AWARD COMMITTEE

Chair

Mr. Erwin Gangl	Dr. Sam Dolinar	Mr. George N. Andrew	Prof. Marina Ruggieri
CACI	Jet Propulsion Laboratory	304 Sentinel Drive	University of Roma Tor Vergata
2865 Hibiscus Way, Ste 200	4800 Oak Grove Drive	Annapolis Junction, MD	Department of Electronics Engineering
Beavercreek, OH 45431	Pasadena, CA 91109-8001		Via Del Politecnico 1
			Roma 00133 Italy

Zafar Taqvi	Dr. Norman E. Thagard	
9874 Sageaspen Lane	Famu-Fsu College Of Engineering	**OPEN POSITION**
Houston, TX 77089	2525 Pottsdamer St.	
	Tallahassee, FL 32310	

Terms of Service:

Gangl	- 2003 – 2005; Chair: 2006, 2007 (AESS)
Andrew	- 2007
Dolinar	- 2004 - 2007
Ruggieri	- 2004 – 2007 (AESS)
Taqvi	- 2007 (AESS, EMBS)
Thagard	- 2004 – 2007

RELATED IEEE STAFF

Ellen Bucco
Administrator

Ann Walters
Administrator

Kerry Ann Ward
Senior Administrator

➢ Committee Chairman Suggests New Committee Members
➢ Revise for IEEE to ask each Societies to Nominate Members

New "Transportation Technology" IEEE Field Award

- New Award Proposed by IEEE Awards Committee Chair, Dr. David Hodges

- Letter was addressed to AESS (Prof. Marina Ruggieri), CSS (Dr. Roberto Tempo) & VTS (Dr. Jae Hong Lee)

- Yearly Cost is $15,000 plus a $2,500 Startup Fee, to be Shared Equally by Sponsoring Societies (two minimum)

- Want a Firm 3-Year Commitment w/ Intention to Support for 10 Additional Years

- CSS has Decided NOT to Support the Award

- VTS will only Support Up to $5,000

- Our Cost with VTS and AESS as Sponsors would be $7,500/yr + $1,250/startup

- Intelligence Transportation Systems (ITSS) was Suggested as an Additional Potential Sponsor (Dr. Alberto Broggi) – No Reply As Yet.

- Recommend that AESS does NOT Participate Due to the Nomination Issues, High Cost and Long-Term Commitment

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Other Issues – Ghosts from the Past

- Provide Awards List
  - In Magazine /on Awards Website

- Get handle on Award Costs
  - Some are Sponsored by IEEE Foundation
  - Plaque Cost / Stipend / Number of Winners

- Put Nomination Process on Web
  - Pioneer is Online, will Work with Judy to Assure Others are too

- Provide Award Info – Pictures/Write-Up for Publications
  - Work with Dave Dobson & Judy to get the word out

- Make Mandatory to Present Pioneer Award at AESS Conferences
  - Not Always Possible, See Previous Slide on Venue Priorities

- Require an Article for the Magazine for each Award
  - Is Mandatory for the Pioneer Award Winner – 4000 Word for Transactions
  - Others are Best Paper Awards Already
  - Will Look into Others