



- International Conference on Waveform Diversity (Pisa, Italy, June 2007)
- Intention to bring this highly-successful series under the wing of AES Radar Systems Panel – to be discussed at next RSP meeting
- Participation in Marina's AFCEA conference on Dual-Use Technologies, Rome, 12-14 September
- Lecture by Paul Gartz, 11 October (cancelled)
- International Conference on Synthetic Aperture Sonar and Synthetic Aperture Radar, Lerici, Italy, 11/12 September 2006. Organised by Institute of Acoustics (UK) in association with AES, financial support from US ONR. Intention to hold another one in 2008

Radar Systems Panel



- Taken the opportunity to recruit more new members, and to encourage some long-serving members to move to 'emeritus' status.
- Revision of IEEE Standard 686 Radar Definitions – last updated in 1997. Wide consultation and substantial revision and addition of new terms. Problem with definition of UWB radar and compatibility with IEEE Standard 1672 – now pretty much resolved, and about to move to ballot.
- Two awards for which the Radar Systems Panel is responsible were presented at the Boston Conference:

The 2007 Warren White Award presented to Dr Joe Guerci for his contributions in "robust space-time adaptive processing (STAP) for radar detection and waveform diversity for system optimization".

The 2007 Nathanson Award presented to Dr Mike Picciolo.

- This has been an excellent year for new IEEE Fellows in the field of radar - indicative of the health of the radar domain and of the activity in identifying and proposing new Fellows

IEEE Radar Conferences

- 2004 Philadelphia – Audit Finally Submitted to IEEE March 2007, Unaudited Surplus \$98K
- 2005 International Conference – Washington DC -- Final Report Submitted, Audit Submitted March 2007
- 2006 Verona NY – Final Report and Audit completed, Final Surplus \$104K
- 2006 International Conference Shanghai, China
- 2007 Boston MA – 17 – 20 April 2007
- 2007 International Conference Edinburgh UK (IET)
- 2008 Rome Italy – 26 – 29 May 2008 www.radarcon2008.org
- 2008 International Conference Adelaide Australia, 2 – 5 September
- 2009 Pasadena CA, 11-15 May 2009, Dr Paul Rosen NASA Jet Propulsion Laboratory
- 2009 International Conference – Bordeaux, France
- 2010 International Conference – Washington DC, Jim Armitage Chair



- Women in Engineering reception, organised by Dr Ellen Ferraro, and including a keynote address by Professor Mildred Dresselhaus (Institute Professor and Professor of Physics and Electrical Engineering at MIT).
- 200 papers of which 115 were oral presentations and 30 student papers.
- Generously sponsored by Lockheed Martin, Northrop Grumman, ESSCO/L3, Selex SI, MIT Lincoln Laboratory, Raytheon and Tyco Electronics, with grants towards the student paper program from the Air Force Office of Scientific Research and the Army Research Office.
- Conference banquet: Four IEEE Fellow Awards (out of 11 made to AES members in 2007) were presented: to Victor Chen, Fulvio Gini, Braham Himed and Paul Antonik.
- IEEE AES Exceptional Service Award was presented to Dr Eli Brookner of Raytheon, by former IEEE President Arthur Winston.
- AES Nathanson Award was made to Dr Mike Picciolo, and the Warren D. White Award was presented to Dr Joe Guerci.
- Banquet speaker was Charles 'Bert' Fowler, who gave a fascinating account entitled 'Luis Alvarez and the Development of Ground Controlled Approach'.