

IEEE AESS Radar Systems Panel

Minutes of the Radar Systems Panel meeting held on 26 October 2011 at the 1
2011 International RADAR conference, Chengdu China.

Present:

Mark E Davis (Chair)	Consultant
Hugh Griffiths (Past Chair)	University College London
Maria Greco (Vice Chair)	University of Pisa, Italy
Teng Long	Beijing Inst. Of Technology, China
Francois LeChevalier	Thales, France
Marc Lesturgie	ONERA, France
Stephane Kemkemian	Thales, France
Don Sinnott	University Adelaide, Australia

1. Introduction; new RSP Chair

Panel Chair Mark Davis gave an discussion on the new Radar Systems Panel (RSP) Charter, that was encouraged by the IEEE and AESS Board of Governors, and discussed at the May 2011 RSP meeting in Kansas City. The main points are:

- The RSP Chair needs to be elected by the members of the RSP. The Nominations and Appointments Committee will solicit a slate of at least 2 members in an Active Status, and present the candidates to the Members prior to an RSP meeting. The term of RSP Chair shall be limited to 2 years. This election was accomplished in May 2011.
- The RSP needs a Vice-chair to back up the Chair (when not in attendance at a RSP Meeting) and conduct special initiatives to strengthen the RSP. The Vice-chair can be appointed by the Chair, and will not necessarily be a successor.
- There should be several standing committees to focus the Membership on several initiatives. Those committees are (currently): Awards, Conferences, Education, Nominations and Appointments, Standards.

Dr Maria Sabrina Greco has been appointed to be Vice Chair, and will conduct initiatives in strengthening the women in radar engineering, and particularly RSP, as well as more global participation in RSP activities.

2. Committee Reports

2.1 Education

RSP does not have a current Education Committee Chair. However, it was reported that there was a strong participation by the AESS Distinguished Lecturers Series in China, sponsored by the Chinese Institute of Electronics. The Lectures were conducted at UESTC, Chegdu, and Zidian University, Xi'an China. RSP members who participated included: Mark Davis, Hugh Griffiths, Francois Le Chavalier, Marc Lesturgie and Don Sinnott. These lectures are encouraged for future radar conferences, and for local AESS chapter meetings. RSP Members should contact Iram Weinstein AESS VP Education for support for future meetings.

The AESS has a budget for new initiatives, such as Education and new Conferences/Workshops. RSP Members need to

2.2 Conferences

- (i) Shannon Blunt (Kansas University) has taken over as Chair of the Conference Committee, with assistance of Erik Mokole (NRL). In Shannon Blunt's absence, Mark Davis as AESS VP Conferences presented an overview of conference activity. There is now a full slate of IEEE Radar Conferences through 2016: Atlanta (2012), Ottawa (2013), Cincinnati (2014), Washington DC (International, 2015), Philadelphia (2016)
- (ii) The International Radar Conference series is still quite strong. The next conferences in this series are: 2012 Glasgow Scotland – Mike Cherniakov Chair; 2013 Adelaide Australia – Andrew Shaw Chair; 2014 Lisle France – Marc Lesturge Chair. Mark Davis emphasized that we need to start the Technical Cosponsorship Memoranda of Understanding with AESS early.
- (iii) Prof LONG Teng (RSP Member) gave a short discussion on the 2011 CIE International Radar Conference, Chengdu China. The Conference was Chaired by HE Ruilong, along with Technical Chair WU Shunjun (AESS BoG Member). There were over 740 abstracts from 22 countries submitted. On the basis of the Technical Review Committee, 482 papers were presented in 20 aural and 4 poster sessions. In addition, there were 9 tutorials presented during the Conference. The CIE does not charge a fee for these tutorial lectures, providing encouragement for their students to attend and further their knowledge of developments in the international radar community.
- (iv) Hugh Griffiths gave a short discussion on the progress in organising the IET International Radar Conference, to be held in Glasgow, Scotland, 22 – 25 October 2012. Prof. Mike Cherniakov (University of Birmingham) is the General Chair; Technical Programme Co-Chairs Prof. Hugh Griffiths

(University College London) and Dr. Evan Hughes (Cranfield University), and Tutorial Programme Chair Prof. Simon Watts (Thales). The Technical Committee has a full effort with Call for Papers, Tutorials and Keynote Speakers. The Call for Papers can be found at URL: <http://conferences.theiet.org/radar/>

- (v) Don Sinnott described the present status of the 2013 IEEE Australia International Radar Conference, to be held during October in Adelaide, Australia. Andrew Shaw from Defense Science Technology Organisation was recently named the General Chair, and detailed planning has started. There is a new Adelaide Conference Centre being constructed, so the planners decided to hold it in Adelaide again.
- (vi) Marc Lesturgie gave an update on the early planning for 2014 SIE International Radar Conference in France. There had been a strong selection process to pick the location. Recently Lisle France became the selected venue, due to very strong promises by local French industry for participation in the planning and execution of the Conference.

2.3 Standards

Joe Bruder recently reported there is continued need for RSP to engage with the Ultra Wideband community. Recent changes in the international regulations on UWB operation is making it difficult to operate radar systems. This will be a special topic at the Atlanta Conference.

3. Women In Engineering (WIE)

Maria Greco discussed her early thoughts on this RSP initiative. She would like to have a meeting during the 2012 IEEE Radar Conference in Atlanta to start the effort and attract new members participation. Mark Davis suggested that she contact Kristen Bing from GTRI, who is coordinating several activities for the Radar Conference. It is important to have the WIE meeting at a point in the Conference that many will be able to attend.

There being no further business, the meeting closed at 1315.

Mark E Davis
Chair, AESS Radar
Systems Panel