

International Directors

AESS Board of Governors Meeting

April 22-23, 2016

Orlando, FL

Maria S. Greco

Lead Director, AESS



AESS International Directors

- R8-Europe-Leo Ligthart
- R8-UK and Ireland-Hugh Griffiths
- R9-Argentina-Josè Bolanos
- R10-Australia-Joe Fabrizio

Duties and responsibilities of the International Directors:

- Provide interaction between the academia, industry, government and the professionals in innovative manner.
- Provide means for global interaction of professionals in new and emerging areas of concern for AESS.
- Provide forums for discussing means for enhancing the quality of life globally using AESS technological areas , and educating the professionals accordingly.
- Encourage involvement of industries in AESS events for mutual benefit, including the practice of systems engineering and system-of-systems approach.
- Provide a comprehensive package of achieving AESS membership growth, and chapter growth.

List of sessions/AESS chapters: <http://ieee-aess.org/chapters/all>

R8- Europe- ID: Leo Lighthart

Title	Chapter Chair	Country	remarks
IEEE Germany Section AESS Chapter	Wolfgang Koch	Germany	Reported
Benelux Section Chapter	Mark Bentum	Netherlands	Reported
Croatia Section Joint Chapter, AES10, GRS29	Davor Bonefacic	Croatia	Reported
Denmark Section, VT06/AES10/IT12/COM19	Ramjee Prasad	Denmark	soon
France Section, AES10	Stephane Kemkemian	France	Reported
Greece Section Joint Chapter, VT06/AES10	Dimitrios Efstathiou	Greece	No response
Italy Section Chapter, AES10	Gaspare Galati	Italy	Reported
Poland Section Chapter, AP03/AES10/MTT17	Wojciech Krzysztofik	Poland	Reported
Russia (Northwest) Section Chapter, SP01/AES10/UFFC20	Yuri Filatov	Russia	Reported
Russia (Siberia) Section Jt. Chapter	Vitaly Suhotin	Russia	No response
Spain Section Chapter, AES10	Jesus Garcia	Spain	Reported
Switzerland Chapter, AES10	Heinz Wipf	Switzerland	No chapter
Bulgaria	Rig	Bulgaria	No response
Romania	E Remia	Romania	No response
Macedonia	Karadzinov	Macedonia	No chapter
Servia	Vera Markovic	Servia	No chapter
Finland	Rafal Sliz	Finland	No chapter
Sweden	M. Edvinsson	Sweden	No response
Slovenia/Czechoslovakia	Burnik/Pacha	Slovenia	No chapter
Ukraine Section Joint Chapter, SP01/AES10	Yuliya Averyanova	Ukraine	Reported

R8- Europe- ID: Leo Lighthart

Reports from: Germany, France, Spain, Poland, Russia (Northwest), Ukraine, Italy, Denmark, Benelux, Croatia – All these Countries have meetings/ workshops and lectures.

5 Countries did not respond: Romania, Bulgaria, Greece, Russia (Siberia) and Sweden. Wrong addresses?

Serbia, Macedonia, Finland, Slovenia and Switzerland have not any section/AESS chapter. No critical mass for establishing an AESS chapter.

Suggestion: why don't we publish all the session/AESS chapter activities on our website?

R8- UK and Ireland – ID : Hugh Griffiths

Joint Chapter with GRS and OE.

New chair – Professor Nick Wright, University of Newcastle.

Activities:

Lectures: none

Workshops: Vectors in Radar Technology: two-day workshop held at UCL on 10/11 November, supported by ONR (Global), AFOSR and the Australian High Commission in London. 80 attendees.

Report has been accepted for publication in in AES Magazine.

Chapters/Session meetings: none

Plans: DL by Alfonso Farina, Defence Academy, 14 June 2016

Why this chapter is not listed among the others on our webpage?

R10- Australia – ID: Joe Fabrizio

South Australia Chapter

Activities:

Lectures/Technical meetings: 7, with an average of 20 attendees each.

Workshops: Introduction to HF Over the Horizon Radar: 1-day workshop
Speaker: Joe Fabrizio

Chapters/Session meetings: 5 administrative meetings

R10- Australia – ID: Joe Fabrizio

Queensland Chapter

Activities:

Lectures/Technical meetings: 1) Space Exploration: EMI/EMC Problems /Solutions NASA Past/Present/Future Missions “Orion” Mars/Moon

Dr John Norgard of NASA - 12 May 2015

2) Improved image and signal filtering techniques for tracking mining equipment Dr Garry Einicke of CSIRO - 2 Oct 2015

3) GLS (GPS based ILS) - Gordon Young/Ken Morris (Air Services)

Planned for May 5th –

Workshops: Introduction to HF Over the Horizon Radar: 1-day workshop

Speaker: Joe Fabrizio – Planned for Mid July 2016

Chapters/Session meetings: none

Argentina Session, Chapter AES10

Activities:

Lectures/Technical meetings: Meeting for the constitution of a Cordoba UAV Group. This Group is being organized by the Ministry of Industry, Trade, Mining and Scientific and Technological Development, Province of Cordoba- February 18, 2015, 60 attendees.

Workshops: within RPIC 2015 1)Plenary Session entitled “Setup and Applications of Weather Radars in Argentina”, October 6, 2015, 28 attendees.
2) Plenary Session: Panel Discussion on “Social Impact of Technology”, October 8, 2015, 17 attendees.

Plans:

- Participation with an AESS Track in the ArgenCon 2016 Meeting
- Conversations are being held to organize a joint activity with the Cordoba Radar Working Group. This Group is made of Professors and PhD Students from the National University of Cordoba, Argentina. The purpose of the group is to strengthen the knowledge on Weather Radars and exchange experiences related to this topic

R7- Canada –Information provided by Erik Blash

1. For the IEEE DASC, significant activity was conducted between ICAO, IATA, and the Royal Aeronautical Society. Through the interaction of IEEE members, there is opportunity in the Montreal area to increase IEEE members for avionics activities.
2. Jack Ding (DRDC-Ottawa) hosted a fusion event in Nov 2015. Since that time, he started a cognitive science working group (e.g., cognitive radar) which has over 70 members, but the growth has gone beyond the 20 people in Canada to a large world-wide group. Hence, some management is needed, but the first interactions were linking people in the Toronto and Ottawa regions
3. MONTREAL – hosted interchange meetings revolving around ICAO and IEEE-DASC
4. OTTAWA – the center of the CSWG for which they had four meetings and the primary members are IEEE members.

International Liaisons:

1. Provide means for interaction between the academia, industry, government and the professionals in their region
2. Provide forums for discussing means for enhancing the quality of life globally using AESS technological areas , and educating the professionals accordingly
3. Encourage involvement of industries in AESS events for mutual benefit, including the practice of systems engineering and system-of-systems approach
4. Help the BoG in achieving AESS membership growth, and chapter growth in their region.

International Liaisons

We need International Liaisons for many Countries. In particular:

China, Japan, India, Brazil

Proposal for International Liaison China:
Prof. Shunjun Wu



Shunjun Wu, was born in Shanghai in Feb.1942. He graduated from the Xian Military Telecommunication Engineering Institute in 1964, and studied in the University of Hawaii between 1981 and 1983. He is a professor and advisor for Ph. D in Xidian University, has worked in the teaching and science research areas of signal and information processing for long time. He was awarded the National Outstanding Specialist in 1992, and awarded the excellent teacher of the Shaanxi province in 1995. He is a fellow of Chinese Institute of Electronics (CIE), the vice chair of Radar Society of CIE. He has been member of IEEE AESS BOG, and he's the chair of IEEE AES Beijing Chapter.

International Directors/Liaisons Event in China

In conjunction with the 2016 CIE Radar Conference, technically sponsored and strongly supported by AESS, October 10-13 Guangzhou, prof. Shunjun Wu invited some of the AESS DLs to give their distinguished lecture and he asked AESS for oversea traveling expenses.

Proposal: Organize the first day of the conference an AESS Event in the framework of International Directors/Liaisons initiatives.

- 1) Smaller impact on the DLs funds
- 2) More visibility for the Society
- 3) For the Society the expenditures would be the same.