

EWCI 2016 – FOURTH SUCCESSFUL INTERNATIONAL EW CONFERENCE INDIA

EWCI 2016, the fourth benchmark international event in the field of EW in India held during 22 to 25 February 2016 at the venue of Indian Institute of Science, Bangalore, has concluded very successfully. The event was organised by the India Chapter of AOC with a strong support from



Defence PSU (Public Sector Unit) Bharat Electronics Limited (BEL) and Defence Research and Development Organisation (DRDO), Government of India. The conference was inaugurated by the Chief Guest for the occasion, Dr G Satish Reddy, Scientific Advisor to Indian Defence Minister, in presence of several dignitaries including Air Marshal P P Reddy VM ADC, Chief of Integrated

Defence Staff to the Chairman COSC, Ministry of Defence, President, AOC USA, President, AOC India Chapter, Director R&D, BEL. The President, AOC, USA and Air Marshal P P Reddy delivered keynote address. A Souvenir was released commemorating the event. Also President, AOC India Chapter, in his inaugural address highlighted the importance and need of international partnership and collaborative developments among the friendly countries in the field of EW and related technology. Conference was attended by more than 300 delegates from EW related organisations including Defence Research and Development Organisation, Bharat Electronics Ltd., Indian Armed Services, Public and Private Sector EW Industries from India and abroad.



As is the tradition for the event, more than 80 papers from India and abroad

with deep technical contents were presented in the conference. Additionally, four Plenary Talks and five Invited Talks presented, added to the collective knowledge sharing realised in EWCI 2016. The technical papers were presented under the following nine session categories :

1. EW SYSTEMS AND DF TECHNIQUES
2. ELECTRONIC ATTACK AND HIGH POWER TRANSMITTERS
3. EW RECEIVERS AND RF SUB SYSTEMS
4. EW ANTENNAS & ACTIVE PHASED ARRAY SYSTEMS
5. COMMUNICATION EW & RCIED
6. EW SIGNAL PROCESSORS AND DIGITAL RECEIVERS

7. EW/EO THREAT STIMULATORS AND EW TESTING/ EVALUATION
8. EW SYSTEMS INSTALLATION & TESTING / EVALUATION
9. EW SYSTEMS SOFTWARE ENGINEERING / MODELLING & CERTIFICATION

The papers were presented in three parallel sessions chaired by eminent contributors in the EW field, both from India and abroad.



As always, the Conference was accompanied by an indoor technical exhibition where several state-of-the-art EW Systems and Subsystems were displayed by national and international EW organisations. Thus, the delegates and other visitors to the exhibition had a plenty of opportunity to interact with decision makers and researchers regarding both commercial and technical aspects of the displayed exhibits. The Conference dinner with a scintillating cultural



event provided yet another opportunity for the delegates and exhibitors to interact.

Precursor to the Conference was the Pre-Conference tutorials, attended by about 150 delegates, covered in depth, the following four

important topics in the field of EW.

- 1: Next Generation of Multi-functional EW Systems, By Dr Andrea De Martino, ELETTRONICA, Italy
- 2: Modern Radar EW Architectures and Technology to face New Threat Challenges, By J M Pasual Ruiz and David L Loscos, INDRA, Spain
- 3: Advancements and Design Concepts for Modern EW Test and Training Ranges, By Harold Screven Northrop Grumman, USA and Robby Miles, Ultra Telemus TCS, Canada
- 4: Advances in EO Technology, Systems and Countermeasure, By Stuart Chapman, Selex ES Ltd, UK

The Conference ended with Valedictory Function wherein the feedback from the delegates was discussed and participation certificates distributed.

