

EWCI 2018 – FIFTH SUCCESSFUL INTERNATIONAL EW CONFERENCE INDIA

Electronic Warfare Conference India, EWCI 2018, the fifth benchmark biennial international event in India in the field of EW and related areas, held during 13 to 16 February 2018 in Indian Institute of Science, Bangalore, concluded with a very successful note and accolades. The event



was organised by the India Chapter of AOC with a strong support from Defence Public Sector Unit (DPSU) 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, Mr M V Gowtama, Chairman & Managing Director, BEL, in presence of Ms Lisa K Fruge-Cirilli, President, AOC International, USA, President, AOC India Chapter, Director R&D, BEL. The President, AOC International, USA delivered the Keynote address. A Souvenir was

released commemorating the event. Also President, AOC India Chapter, in his inaugural address highlighted the inevitability of R & D in the multi-disciplinary, technologically sophisticated and niche field of Electronic Warfare, which would have to take the route of collaborations, joint development and sharing novel ideas and knowledge for building futuristic systems. The coveted event received a participation of about 300 EW Professionals as delegates from India and seven other countries. The delegates included military personnel and decision makers from Govt. of India, Defence Public Sector Units and Private Sector EW Industries.

The importance of the event lies in its technical contents in the form of 76 Technical Papers, Four Plenary Talks and Six Invited Talks by eminent National and International EW Personalities. The Keynote and Introductory addresses during the impressive Inaugural Function had set the agenda of the event and even beyond.



The EWCI 2018 Conference was preceded by four technically deep Pre-Conference Tutorials attended by about 180 participants. The Tutorials were presented by eminent Speakers :

- 1: Airborne SIGINT Operation, By Dr. Andrea De Martino and Mr Alessio Campana, Elettronica S.p.A.-Italy,
- 2: EW Applications vs DRONE/UAV/RPV Proliferation, By Mr José Miguel Pascual Ruiz, Mr David Lazaro Loscos, INDRA, Spain,
- 3: Cross - Eye Jamming - Problems and Potential, By Dr. Warren du Plessis, University of Pretoria, South Africa,
- and 4: Cost Effective, High Performance Networked ELINT Systems for C4ISR Missions, By Mr Hafedh Trigui, Ultra Electronics TCS, Canada.

The Conference Papers were presented in 21 Sessions scheduled in parallel Sessions and were covered under the following topics: EW STSYSTEMS & DF TECHNIQUES, ELECTRONIC ATTACK, ECCM AND HIGH POWER TRANSMITTERS, EW RECEIVERS AND RF SUB SYSTEMS, NETWORK CENTRIC AND INFORMATION WARFARE, EW SIGNAL PROCESSORS AND DIGITAL RECEIVERS, EW THREAT SIMULATORS AND EW TESTING / EVALUATION, EW SOFTWARE ENGINEERING AND MODELING and COMMUNICATION EW.



The Sessions Chairs and Co-Chairs were specially invited for the purpose and were eminent personalities in the field of EW and Allied disciplines from India and abroad.



The Technical Exposition accompanying the Conference was also successful with six Major Sponsors, 36 Exhibitors showcasing their flagship products in about 50 booths. The booths were visited not only by delegates but also by business visitors, as the event was amply covered by local media.

The theme of EWCI 2018 being “ EW: Share for Success ” was amply demonstrated in the event by Authors, Plenary/Invited Speakers and Keynote Speakers who readily shared their knowledge, research results and experiences. Thus, the Proceedings and the Tutorial Material provided to the delegates has long term referential value. In addition, the event provided substantial commercial opportunities for the vendors who could interact with the users and decision makers from Indian EW Industry.



The Conference Dinner and the scintillating Cultural Programme provided additional opportunities for the stake holders to further improve their relationships.

Organisers of EWCI 2018 believe that the event has set a benchmark Conference to share the professional knowledge and experience in the niche and sophisticated field of EW for the common benefit of friendly nations.