

AOC - Australia 2018 Convention

Electronic Warfare (EW), Electromagnetic Spectrum Management Operations, Cyber Electromagnetic Activities (CEMA), Information Operations (IO)

“Interoperability and Collaboration in the Indo-Pacific Region”

The Australian Chapter of the Association of Old Crows will hold its biennial Electronic Warfare (EW), Electromagnetic Spectrum Management Operations, Cyber Electromagnetic Activities (CEMA), Information Operations (IO) Convention from the 28th - 30th of May 2018 at the Adelaide Convention Centre.

The conference theme will focus on the *“Interoperability and Collaboration in the Indo-Pacific Region”*, seeking to investigate both organizational and technical interoperability and collaboration across EW, CEMA and IO battlespace.



Submissions addressing the following broad topics across EW CEMA and IO operational battlespace;

- Interoperability and Collaboration
- Keeping pace with the evolving threat environment, and the technology advances to meet this threat
- Coalition operations and the importance of interoperability with regional partners
- EW, CEMA and IO relationships
- Information requirements to enable next-generation capabilities
- Procurement strategies to meet technology refresh rates
- Integrating kinetic and non-kinetic effects across EW, CEMA and IO domains
- Role and use of Artificial Intelligence in support EW, CEMA and IO operations
- Simulation and training: fifth generation systems in a joint/multi-national context
- Real world case studies

Specific submissions relating to the following are also invited;

Electronic Warfare Stream

- Novel and emerging technologies for EW: receivers, transmitters, antennas, and signal processing
- From data to information: algorithms and data processing for a crowded spectrum
- Novel system architectures for EW/IO
- Multi-function EW apertures: fantasy or reality?
- Networked EW systems
- Cognitive EW and aligned systems

Cyber Stream

- Cyber forensics / security
- Information security
- Securing the Cloud based enterprise
- Practical network cyber hardening
- Cyber / EW integration
- Tactical applications of cyber attack and defence

Information Operations Stream

- Weaponing social media
- Integrating information effects
- Information operations and anti-access area denials
- Information operations and hybrid warfare
- Impact of fake news and *kompromat* on national security
- Defence against information warfare
- Social Media campaigns and their support to Information Operations

Call for Presentations

Each convention includes a significant program looking at new and innovative products, acquisition briefs as well as research and development in related EW, CEMA and IO fields.

Of particular interest, this convention focuses on overcoming the challenges of interoperability and collaboration in the Indo-Pacific Region.

The Conference will include a classified session to be held on the 28th May. Please indicate in your abstract if the presentation will be classified or unclassified.

Important Dates

Abstracts Due: **Friday 9th February 2018**

Notification of Acceptance: **From Monday 5th March 2018**

Please upload your presentation title, an approximately 200 word abstract, a speaker bio, and presentation focus area [here](#)

Convention information is available at or via email to conference@aomevents.com

Note for participants; *The Old Crows wishes to ensure that all materiel submitted, presented and discussed at the conference is properly available to all the conference participants both during and after the conference. It is the responsibility of all participants to ensure that all discussions and presentation material is compliant with Australian and the participant's host country and companies, laws and regulations regarding the export of controlled technical information. Whether it relates to Security Classification, Intellectual Property, Export Control Law (inclusive of the US International Traffic in Arms Regulations ITAR) and or any Confidentiality Arrangements. The Australian Chapter of the AOC reserves the right to refuse publication of the work and or participation at the conference for any participants failing to adhere to this principal.*