



Aardvark Roost
South African Chapter of the AOC
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Dear EW Colleague

Call for Papers – 4th Aardvark Roost Biennial EW Conference on 3-4 November 2015

South Africa has a proud history of Electronic Warfare (EW) research, innovation and product development. It continues to take a leading role on the international military stage with a number of high tech indigenous EW solutions which are currently in service within international military forces.

The Aardvark Roost, the South African Chapter of the Association of Old Crows (AOC), is hosting its biennial two-day international Electronic Warfare (EW) conference with a supporting exhibition of South African and International EW companies on the 3rd and 4th of November 2015. In addition, a set of workshops are planned for the 2nd November.

The venue will be the **CSIR International Convention Centre in Pretoria, South Africa.**

The Aardvark Roost is soliciting original, unclassified papers, as well as workshop topics for the conference.

This year's theme is ***Aardvark Roost – EW Africa.***

Communication, radar and electro-optical systems are becoming more adaptive (or deceptive, from an EW perspective); the electromagnetic spectrum is becoming more congested and new waveforms are evolving in both the commercial and military domains. Therefore EW has to evolve in order to keep up!

In addition, the operational environment has also evolved from mostly force-on-force operations to more irregular operations and to Operations Other Than War (OOTW) (peace-keeping, border safe-guarding and anti-piracy missions). To address these diverse drivers of change, the EW community needs to better leverage the knowledge and equipment which is currently available. The EW community also needs to be more innovative regarding new cost effective solutions.

This conference aims to address the future capabilities which spectrum warriors will need to perform their jobs effectively in this very complex, congested and contested environment.

Conference topics: Submissions focusing on the following themes are invited:

- **Strategic:** EW Capabilities, Resources, and Skills required to build a Long-Term competitive advantage.
- **Applications:** The Role and Utilization of EW in Supporting Modern Military and Peace-keeping Missions and Operations
- **Systems and Technologies:** Emerging Techniques and Technologies in relevant Components, Systems, Signal Processing, Threats and Counter-Measures.
- **Fundamentals:** Waveform diversity, Measurements and Modelling of EW Phenomenology, EW System Architectures

Submission Information for the workshops and the papers:

The submission deadline is the **19th June 2015**

Please e-mail the following information to the Conference Organizing Committee at aoc@csir.co.za for the review committee's approval:

- **Papers:**
 1. The title of the proposed paper.
 2. The name of the presenter.
 3. The name of the organization represented.
 4. One or two short paragraphs describing the scope of the paper.
 5. One or two short paragraphs describing the credibility of the presenter on this subject.
 6. Presentations are limited to 30 minutes, including questions and answers.

- **Workshop:**

1. The title of the proposed workshop
2. The name of the workshop leader.
3. The name of the organization represented.
4. One or two short paragraphs describing the scope and learning outcome of the workshop.
5. One or two short paragraphs describing the credibility of the workshop leader on this subject.
6. Suggested time allocation is 2 hours.

Acceptance: Authors and workshop leaders will be notified of acceptance by **3rd July, 2015**.

I am looking forward to receiving your response.

Yours sincerely,



Christo Cloete

(President of the Aardvark Roost)

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