

30 July 2017

Cyber Quest 2018 - EW Seminar at DSEI 2017 - Young Adult Complimentary Membership

Cyber Quest 2018: Enabling CEMA Operations in a Multi-Domain Battle The US Army has issued a detailed Cyber Quest 2018 Broad Agency Announcement. The US Army **Cyber Center of Excellence** (CCoE) will hold Cyber Quest 2018 in Ft Gordon, GA, throughout June 2018; a prototyping experiment based on an exercise construct, to investigate Cyber Electromagnetic Activity (CEMA) / Cyber / Signal and Electronic Warfare innovation with industry and academia. The event is open to **US and AUS/UK companies** with a **deadline for submission by NLT 1700 EDT 31 AUG 2017** - submission details are contained in the BAA document. More information is contained on Page 4 below. If you would like to see the detailed Broad Agency Announcement, please contact Major Andrew Stannard as soon as possible – he will send it to you and establish contact:

Stannard, Andrew D MAJ FM USARMY CYBER COE (UK) andrew.d.stannard.fm@mail.mil

If you or your company does participate be sure to let us know, perhaps with a short report.

DSEI Volunteer 12-15 September 2017, ExCeL, London Dockland - Volunteers Needed.

The Chapter have once again been invited to host an AOC stand during DSEI. A number of Chapter members have volunteered, but we could use a couple more. Each volunteer will each receive an "Exhibitor" badge which allows early and easier access. Apart from helping the Chapter out, hopefully recruiting new members and explaining the role of EW, the AOC and the UK Chapter, volunteers have access to all that DSEI has to offer as the largest defence and security exhibition in the world. If you are willing to volunteer please send an email with availability details and I will make the arrangements – clifford@crows.org. In a new departure for 2017 the AOC Pavilion will be in the prestigious Joint Zone and we will host the **first DSEI AOC EW seminar** in the Western Theatre starting 15:30 – 17:00 on Day 1 Tuesday 12 September. The AOC will provide assistance with travel and subsistence to volunteers. The Chapter hopes to recognise Dr Alfred Price's lifetime contribution to EW, by presenting his AOC EW Technology award to members of his family at the seminar.

Welbeck Defence Sixth Form College – AOC Physics Awards



The 2017 Awards ceremony was held on Saturday 8 July at Welbeck. The 2 top physics students, one from each form, were Luke Rickard (Upper Sixth) and Nikita Kamath (Lower Sixth)

Luke Picard receives the AOC UK Chapter Physics prize from The Right Honourable Anna Soubry MP. Luke is clearly a bright and hard-working student as he also won the Physics Prize last year when he was in the Lower Sixth.

AOC Young Adult Complimentary Membership The AOC is introducing a complimentary 3-year membership scheme for young adults under the age of 26 in a 5 year trial. Apart from being free, membership is identical to regular membership and gives access to the monthly Journal of

Electronic Defense, voting in AOC elections, e-Crow weekly news updates, and in the case of the UK, access to our events, Chapter newsletter, meetings and possibly conferences. You can download the membership form from the AOC HQ website:

<http://www.crows.org/membership/individual-membership.html> Follow by clicking, near the bottom of the page on: [Interactive Free 25 and under Membership Application Form](#) . Completed forms should be sent to Blain Bekele (blain@crows.org) with a copy sent to our membership director, Ian Fish (piscene1@gmail.com) so we can help to resolve any issues, if they arise. You can also contact UK Chapter Board members via our own website www.UKAO.org and the contacts page.

Visit to NATO JEWCS Visits Director Dr Sue Robertson is working with NATO JEWCS to finalise a visit there in mid-late October or early November. More information will be provided next month.

DSEI AOC Pavilion Guest Code – If you would like to attend DSEI 2017 and the AOC EW Pavilion as a guest of the AOC, you can register at with a special AOC code at:

<https://clarion.circdata-solutions.co.uk/microsites/rfg/publish/DSEI17/default.aspx> . At the top of the second page there is a box to enter a guest code. If you would like the code for your own personal use, please email me via the Chapter website or clifford@crows.org and I will send it to you.

New Articles Jacey Wise MBE has provided a new article "*Global Radar Updates - And a Potentially Major Regional Implication*" – many thanks John for his prodigious and prestigious contributions, of which this is his 42nd. Don't be shy – please feel free to contribute an article to the UK Chapter. As a reminder these articles are only available as attachments to UK Chapter Newsletters – they are not posted on our website. Any views contained in them are the author's alone. **To potential New Authors** - the UK Chapter membership includes many world class professionals and many of them are distinguished writers in their own fields and on a wide variety of media. All of them are very happy to encourage new thinkers, writers and creative folk and to help them polish their work. Send your articles and let us work together to benefit the field of EW, cyber and EM manoeuvre operations. **In future** we will be looking for members willing to propose topics and mentor young military personnel on courses and specifically on course projects.

AOC Memberships Benefits – Webinars Chapter members can access the AOC's Live Virtual series of cutting edge webinars as well as the on-demand Virtual Series of presentations. Simply log onto the home page at www.crows.org and click on the webinar of interest. You can also access back-issues of JED - click on the "Publications" Tab then "JED" for more information.

Finally That's all folks. I've listed a few dates below, where you might consider joining us and the wider AOC community in 2017 and 2018. Remember, the UK Chapter is all about you, so please stay engaged and let the Board know what you want. Feedback is always welcome; otherwise we operate in a vacuum. We need more diverse and young members to become actively involved in what the Chapter does – any ideas are most welcome. **The 3-year young adult is a great initiative and one the UK Chapter has worked towards for a number of years – please think about it and use it wisely.** In particular, please send ideas about recognising suitable individuals or organisations for AOC and/or UK Chapter awards. We are particularly keen on encouraging apprentices in industry, academics and serving personnel learning new EW-related skills.



John Clifford OBE
UK Chapter President

SOME DATES FOR YOUR 2017 / 2018 DIARY

DSEI Excel London 2017 – 12-15 September 2017 www.dsei.co.uk/

Visit to NATO JEWCS – RNAS Yeovilton, Oct 2017 TBD

Visit to 30 Cdo Y Sqn Stonehouse Barracks Plymouth Date TBD 2017/2018

DEHS Autumn Symposium, Shrivenham, 13 October 2017 – Programme and application form next month – August 2017

Visit to 11 EOD Regiment, RAF Northolt, Date TBD 2017/ 2018

54th AOC International Symposium and Convention - November 28 - 30, 2017

Marriott Marquis and DC Convention Center, Washington, DC

“Innovation and Change in Electromagnetic Warfare”

UK Chapter Christmas Awards Dinner – RAF Club Friday 8 December 2017

Check out our website at www.ukaoc.org

You can also check out **career opportunities** there too, by clicking on the Home Page “**EW Job Vacancies**” button.

And for your 2018 Diary

Second AOC EW Singapore Conference – Marina Bay Sands, 30/31 January 2018

UK Chapter AGM, Thursday 22 March 2018, RAC Club, London

AOC EW Europe 2018, Congrès Bealieu, Lausanne, Switzerland, 5-7 June 2018

Cyber Quest 2018: Enabling CEMA Operations in a Multi-Domain Battle

Sirs / All,

Please find attached the Cyber Quest 2018 - Broad Agency Announcement to industry and academia.

The US Army **Cyber Center of Excellence** (CCoE) will hold Cyber Quest 2018 in Ft Gordon, GA, throughout June 2018; a prototyping experiment based on an exercise construct, to investigate Cyber Electromagnetic Activity (CEMA) / Cyber / Signal and Electronic Warfare innovation with industry and academia.

In 2018, the CCoE will partner with the **Intelligence Center of Excellence** (ICoE) to conduct the third annual Cyberspace Operations, Intelligence, Signal, and EW **Army Live Prototyping Assessment (ALPA)** called Cyber Quest. The two centers will use this combined event to assess emerging technologies against associated Army required capabilities in order to inform current capability development and doctrine writing efforts, validate concepts, and better understand doctrine, organization, training, materiel, leadership and education, personnel facilities and policy (DOTMLPF-P) impacts for those concepts under evaluation. Cyber Quest will also serve as a risk mitigation event that Army acquisition and capability development proponents can leverage to validate selected candidate's solutions for participation in Army/Joint exercises and experiments (i.e. **Joint Warfighting Assessments (JWA)**, the **Army Expeditionary Warrior Experiment (AEWE)**, the **Joint Users Interoperability Communications Exercise (JUICE)** and **Network Integration Experiment (NIE)**).

Areas of interest for vendor technologies include:

Cyber: Cyber Analytics, Advanced Cyber Sensors, Defensive Cyber Operations (DCO) Mission Planning (DCOMP), Offensive Cyber Operations.

Electronic Warfare: Tactical Electronic Warfare Sensors, Tactical Electronic Warfare Jammer, Brigade and Battalion CEMA Management Tool

Network and Services: Unified Network Operations (NETOPS) Capabilities - Upper Tactical Internet and Lower Tactical Internet, LTE Technology Capabilities

Tactical Radio: EW & Cyber hardened waveforms on two channel radios

The event is open to **US and AUS/UK companies** with a **deadline for submission by NLT 1700 EDT 31 AUG 2017** - submission details are contained in attached BAA document.

For a better understanding of Cyber Quest 2018 look at the [Cyber Quest 2017 video](#) on YouTube or Defence Connect [Cyber Quest 2017 video](#).

[Cyber Quest 2018 Broad Agency Announcement](#) on the Federal Business Opportunities (www.fbo.gov) website.

Regards,

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