



AFCEA-UK London Newsletter

March 2009

**Deadline for articles for the next Newsletter is
17 June 2009**

Dear member,

Inside this issue

Members News	1
MOD Grand Challenge & SATURN	3-4
Forthcoming Events	5
Information Assurance and the 'stupid' end user...	6-7
Corporate Lunch	8
Directions to Inns of Court	9
Alternative venues	10-11
AFCEA Membership details	13
Event Booking	14

www.afcea.org.uk

This has been a particularly busy period for the AFCEA London Chapter with some excellent evening presentations in Dec, Jan and Mar interspersed with other key events. The Corporate Lunch in Mar was a great success and it is hoped that the forthcoming Golf Day in Jul will be as well attended and successful as the golf day last year. Please give this day your full support.

London Chapter AFCEA meetings continue to be held at Inns of Court, which is an excellent facility that has recently been redecorated. Details for attending forthcoming meetings can be found within the Newsletter and on the [AFCEA London webpage](#). In a further march to the electronic era and at members behest the preferred method of booking and paying for AFCEA London events is via the website. Please see details within.

The President Air Cdre Tim Bishop has indicated his intention to broaden the scope of the talks and bring in alternative interest speakers. Alternative venues are also being investigated such as the RAF Museum at Hendon. Proposals from members are always welcome and will help to keep the presentations relevant to your needs.

Sqn Ldr Darren Jones, Newsletter Editor.

Forthcoming Events

Space / Satellites

2 Apr 2009

A Life in Information Assurance -The User Speaks

7 May 2009



Incoming London Chapter President Air Cdre Tim Bishop thanks the outgoing President Brig Neil Couch at their formal handover following the Chapter AGM in Nov 08.

MOD Grand Challenge & SATURN

(Sensing and Autonomous Tactical Urban Reconnaissance Network)

Dr Julia Richardson,
Director of Stellar Research Services Ltd

4 Dec 08



The December presentation was preceded by a very pleasant Christmas Dinner laid on by our ever supportive caterers who successfully tend to our fare throughout the year. Thereafter, an excellent presentation entitled SATURN – The Grand Challenge was superbly presented by Dr Julia Richardson, Director of Stellar Research Services Ltd.

The Grand Challenge is an event that has been around for a long time and significant events such as putting a man on the moon have been spurred on by the challenge. The criteria is that a grand challenge should fall into the category whereby “it may lead to a radical paradigm shift breaking free from the dead hand of legacy”. In the case of this Grand Challenge the MOD criteria was “to develop an automated system to identify, locate, and report a range of threats in an urban environment”. The significant point was that the system should be “automated” and that is what gave the challenge the edge.

DEC GM sponsored the event which ran from Feb 07 – Aug 08. With the final (the Grand Challenge itself) taking place over 2 weeks at the FIBUA (fighting in built up areas) army training centre at Copehill Down in Wiltshire. In all there were 23 proposals of

which 11 were successful; 6 being fully funded and 5 teams made it into the final. The winning system was SATURN (Sensing and Autonomous Tactical Urban Reconnaissance Network) which had been built by Team Stellar; including Blue Bear Systems, Cranfield University, SELEX sensors and Airborne Systems, TRW Conekt, and Marshall Specialist Vehicles.



SATURN consists of 3 robots; a high-level UAV; a low-level UAV; a ground vehicle; and, a control station. The high-level UAV photographs the area using on-board optical and thermal sensors, with the data transmitted to the control station; which, converts the data into a map of the wide area. The low-level UAV, with an optical camera, is hand-launched into the threat environment (or built up area to be patrolled). At the same time, the ground vehicle with optical, thermal and radar sensors moves in. The data from the various sensors is fused together at the control station and the threat detection algorithms identify various threats and assign confidence levels. The system then produces a situational awareness plan and also autonomously works out a route, avoiding obstacles, for the ground vehicle to the potential threats. Whilst this is all done autonomous, the manual intervention is possible at all times.

The system is extremely successful and negates the need for an operator to be staring continuously at a screen; alarms can be set. It can distinguish between IEDs, "technicals" (4x4 vehicles with machine guns on the back) and people. Moreover, it can identify if the people are armed or not. The system is now being considered for a real roles, it may well be fitted into a Quad bike trailer for deployment overseas.

The presentation was extremely interesting and stimulated a lively and prolonged question and answer session. Clearly, SATURN is innovative, clever and everyone present could perceive differing potential future operational roles for such a system.



Previous Events www.afcea.org.uk				
8 Jan 2009	Evening	Inns of Court	Information Assurance and the 'stupid' end user...	Debi Ashenden, Senior Lecturer DCMT, Cranfield Uni- versity, DefAc
5 Feb 2009	Evening	Inns of court	Cancelled due to bad weather. Speaker rescheduled 5 Mar 09	
5 Mar 2009	Evening	Inns of Court	"Black Swans, Cold Wars and Suicidal Kangaroos. In the current climate of global insecurity are we doing the right thing at the right time with the right tools?"	Anthony Franks OBE Lt Col Int Corps (Retd)
12 Mar 2009	Lunch	RAF Club	Corporate Luncheon	
Forthcoming Events http://www.afcea.org.uk/london/london_events_main.html				
2 Apr 2009	Evening	Inns of Court	Space / Satellites	Ken Hadfield, Astrium/Paradigm
7 May 2009	Evening	Inns of Court	A Life in Information Assurance - The User Speaks	David Powell, Drumgrange
4 Jun 2009	Evening	Inns of Court	"CIPHER"	Andrew Thompson & Walter Cormack (Programme Direc- tor), Logica
Jul 2009	TBC	TBC	Possible social event TBC	
30 Jul 2009	Day	Mentmore Golf and Country Club, Leighton Buzzard	AFCEA UK Golf Day	Contact Wg Cdr Jez Nash

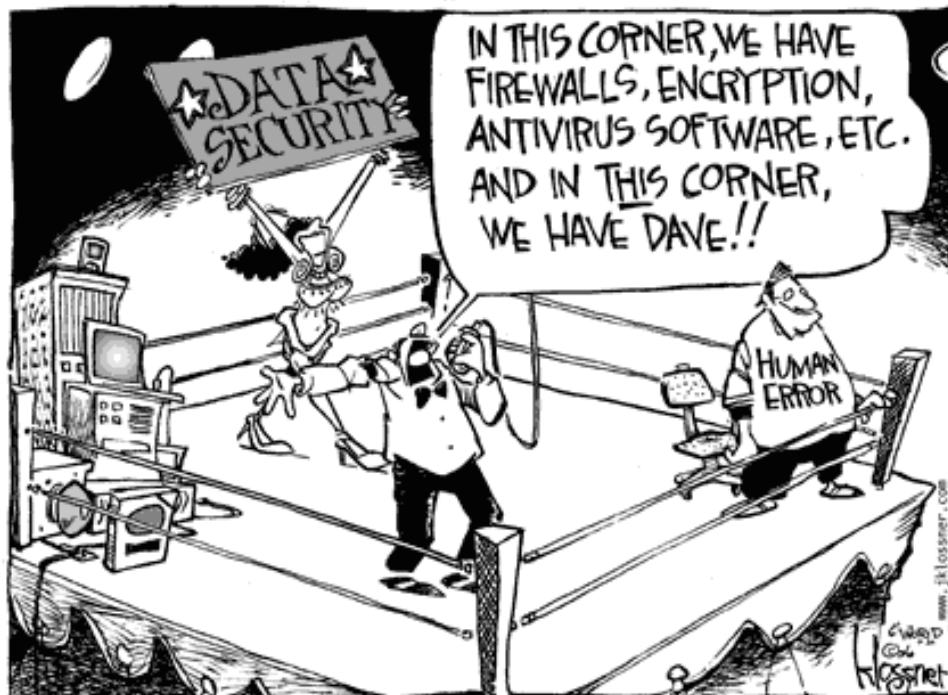
Information Assurance and the ‘stupid’ end user...

Debi Ashenden,
Senior Lecturer DCMT,
Cranfield University, DefAc

8 Jan 09

In Jan 09 the London Chapter were privileged to host Debi Ashenden, senior lecturer and course director for the MSc in Information Assurance (IA) at the Defence Academy primarily designed for the Public Sector. The Chapter were initially briefed that the presentation would be analysing “IA and the ‘stupid end user,’”; however on the evening the extra words, “or... In defence of the end user” were added.

We were first asked to examine what the characteristics of a ‘stupid end user’ were. Is it “slow of mind” or is it “lacking interest or point?” after pondering such characteristic traits, we were introduced to “Dave” – the idiot end user. Idiot Dave and his IA problem were illustrated perfectly in the cartoon below.



Debi then proceeded to examine some IA tasks through the eyes of the end user. These tasks were:

- Assessing and Managing Risk.
- Information Sharing.
- Designing Systems and Processes.
- Awareness, Training and Education.

It could be seen that each of these tasks had a direct effect on the next.

Looking further into Assessing and Managing Risk, Debi, explained to us how risk perceptions are ignored and as a result, the gap between science and perception, using the beautiful phrase, “Socio-materiality”

On the issue of Information Sharing, Debi argued how sharing largely depends upon trust; sharing information between end user and end user when mediated by technology induces cultural constraints. Moreover, sharing information between the end user and the organisation can possibly induce the psychological contract and the rise of the insider threat.

Focusing on Design, Debi described how arrogance had resulted in professionals “Ignoring and/or excluding the end users” and perhaps forcing users to remember apparently arbitrary information without providing mental models to assist in this process. A way of mitigating this effect was put forward through the use of looking at the benefits and draw backs of the Command and Control approach vs. the collegiate approach.

Finally on the issue of Awareness, Training and Education, we were shown that if we taught helplessness, the end user learned helplessness, i.e. “Beer, pizza and give aways” potentially have a detrimental effect rather than a positive impact.

Debi’s conclusion surrounded the issue of concordance. It is all very well and good providing rules, regulations and TLAs for the end user to abide by, but with out educating the end user and bringing the two sides of the “boxing ring” closer together, IA and business processes will never exist harmoniously. Debi finally explained that in order to promote concordance, we need to turn an inept risk taker into a skilled risk taker, educate the IA professional on reflecting and taking account of the subjective nature of IA risk, and finally to “Treat the [end user] like adults rather than children.”

Debi’s final thought was, “So is Dave a ‘stupid’ end user ... and if he is whose fault is it?”

This promoted much discussion, some challenging questions and well crafted responses from Debi.

The members would like to thank Debi Ashenden for an extremely provocative and engaging discussion on Information Assurance, and I’m sure that every member came away with a new prospective on “Dave’s” outlook on Information Assurance.



Debi Ashenden receives thanks for her informative presentation from Wg Cdr Jez Nash.



CORPORATE LUNCH

12 Mar 09

RAF Club

A hugely successful Corporate Lunch was hosted at the RAF Club to thank the Corporate Members, in-particular their management, for their continued support to AFCEA. The President, Air Cdre Bishop welcomed all those present and provided an insight into past chapter events and achievements (TRICIS and Golf Day), and gave an indication of his plans for the future.



Corporate Membership is available to organisations and allows employees to attend AFCEA events throughout the year and receive the SIGNAL magazine. For further information on the benefits of Corporate Membership please contact the Corporate Member:
Wg Cdr Jez Nash.

How to find AFCEA London Inns of Court TA Centre 10 Stone Buildings

Monthly meetings are normally held at the:

**68 (Inns of Court & City Yeomanry)
Signal Squadron Headquarters, 10
Stone Buildings, London, WC2A 3TG**

Directions are:-

1. Exit Chancery Lane Tube Station (Chancery Lane South) and straight ahead onto High Holborn.
2. In c.200 m turn left onto Chancery Lane.
3. The TA Centre is 100m down Chancery Lane on the RH Side.
4. First door that you come to: Press button labelled Officers Mess, and you will be let in.

Google Map

<http://maps.google.com/maps?f=q&hl=en&geocode=&q=10+Stone+Buildings,%C2%A0London,+WC2A+3TG&sll=51.526902,-0.121837&sspn=0.01618,0.045319&ie=UTF8&ll=51.517489,-0.113554&spn=0.008092,0.022659&z=16&q=10+Stone+Buildings,%C2%A0London,+WC2A+3TG&msa=0&msid=103765>

Multimap Link

<http://www.multimap.com/s/I9gBlxRC>

How to find AFCEA London Alternative Venue ULOTC TA Centre Handel Street

When monthly meetings are held at the University of London Officers Training Corps, Yeomanry House, Handel Street, London, WC1N 1NP.

Directions are:-

1. Exit Russell Square Tube Station (there is only one exit) and turn right onto Bernard Street
2. In c.100 m turn left onto Hunter Street
3. In c.250m turn left onto Handel Street
4. The TA/UOC Centre is 25m down Handel Street on the RH Side
5. First door that you come to: Press button 1 labelled QM Dept. and you will be let in.

Google Map

<http://maps.google.com/maps?f=q&hl=en&geocode=&q=ULOTC,+Yeomanry+House,+Handel+St,+Camden,+London+WC1N&ll=51.526902,-0.121837&sspn=0.01618,0.045319&ie=UTF8&ll=51.525475,-0.123797&spn=0.01618,0.045319&z=15&msa=0&msid=103765812372881255122.00043a575a22b3b07>

Multimap Link

<http://www.multimap.com/s/RDjBtgap>

How to find AFCEA London Alternative Venue TA Centre Worship Street

When monthly meetings are held at the TA Centre, Ashford House, Worship Street, London, EC2A 2.

Directions are:-

1. Exit Liverpool St Station and turn left onto Bishopsgate
2. In c.400 m turn left onto Worship Street
3. The TA Centre is 200m down Worship Street on the RH Side
4. First door that you come to: Knock on the door and you will be let in.
If no reply Press button for Officers Mess.

Google Map

<http://maps.google.co.uk/maps?f=q&hl=en&geocode=&q=worship+st,+london&sll=51.521735,-0.08287&sspn=0.00777,0.022659&ie=UTF8&ll=51.520654,-0.081775&spn=0.008091,0.022659&z=16&g=worship+st,+london>

Multimap Link

<http://www.multimap.com/s/IFopXBDY>

AFCEA UK - Golf Day

Thursday 30th July 2009

Mentmore Golf and Country Club, Leighton Buzzard

Bacon Baguette and Coffee on Arrival	Individual and Team Prizes to be Won
9-hole Texas Scramble on the Rothschild	Entrance Fee: £75 per person
Traditional Ploughman's Platter Lunch	Limited availability so please book before 30th May 2009.
18-hole Stableford on the Rosebery	Bookings should be made on the basis of entering a team of four.
Three Course Dinner	Individual entrants may be accommodated (depending on demand)

Contact Jez Nash

(Tel: 01494 497698 or email: jeremy.nash562@mod.uk)
to secure your entry or to receive more information.

Tube Map from TfL

<http://www.tfl.gov.uk/assets/downloads/tube-dlr-trams-and-train-travelcard-zones-map.pdf>

Transport Direct

<http://www.transportdirect.info>

AFCEA LONDON PROGRAMME – 2009

Continuing on from the TRICIS 08 conference, the theme for this season is “C4I in the Changing Environment”. AFCEA London meetings are open to Members and their guests and are normally held on the first Thursday of the month at the 68 (Inns of Court & City Yeomanry) Signal Squadron Headquarters, 10 Stone Buildings, London, WC2A 3TG (nearest tube Chancery Lane). Starting at 18.00 hrs (unless otherwise indicated on the programme). Please arrive promptly. Drinks are available at the bar and supper is timed for 18:45 hours, followed by the speaker for the evening (presentations are at UNCLASSIFIED level unless otherwise notified). Reservations and payments for the meetings should be made using the pro-forma on page 9 (the booking form is also available on the AFCEA web site) and should be received by the Treasurer no later than the preceding Friday lunchtime.

AFCEA(LONDON) - ANTICIPATED NEWSLETTER PUBLISHING SCHEDULE

Deadline for Articles	At Webmaster	Distribution Date/Uploaded to web
17 Jun 09	25 Jun 09	1 Jul 08

How to join AFCEA London

To renew your membership—or join—please contact the Membership Secretary by Email
london.memb.sec@afcea.org.uk

Current Membership rates are £27 per annum or £65 for three years!

Alternatively download a form from
www.afcea.org.uk
 and follow the instructions.

If your company would like to support AFCEA and take out a Corporate Membership permitting your staff to attend any of our events please contact
Jeremy.nash562@mod.uk

How to find AFCEA London

Monthly meetings are held at the:
68 (Inns of Court & City Yeomanry) Signal Squadron Headquarters, 10 Stone Buildings, London, WC2A 3TG

Directions are: -

1. Exit Chancery Lane Tube Station (Chancery Lane South) and straight ahead onto High Holborn.
2. In c.200 m turn left onto Chancery Lane.
3. The TA Centre is 100m down Chancery Lane on the RH Side.
4. First door that you come to: Press button labelled Officers Mess, and you will be let in.

MEETING RESERVATION/ BOOKING

The new preferred means of booking and payment for AFCEA London Events is electronically via the AFCEA UK website.

Please visit the website at:

http://www.afcea.org.uk/london/london_meeting_form.html

This page provides a link to allow members to book and pay online. Payment can be made securely via paypal using debit/credit card or paypal account.

Alternatively a printable Reservation Form is available or use the form on the next page of this newsletter.

MEETING RESERVATION FORM

This form is designed for booking the normal monthly meetings that now take place at the [Inns of Court, 10 Stone Buildings](#) entry via door in Chancery Lane. Please ring bell for access.

Parking is not available.

Time Bar opens 1800 hrs, Dinner 1845hrs, Presentation 2000hrs. All times approx -but we aim to finish by 21.30. Bar will not open after the presentation.

Menu: A 3 course meal with wine & coffee.

Please complete the booking form below including your membership number and contact details including email and contact details for your guests, then if there are any changes to the stated programme we can let you all know. Please return with your cheque made payable to AFCEA London.

Are you going to invite a guest / friend / customer ?

Each meeting is open to members and their guests only. It is necessary to book using this form and to include payment. This should be received by AFCEA at the latest one week before the event. Price is £26 per head. The special rate of £21 is available to MOD employees, students and members who are not working. Everyone else please pay full rate. (Please provide all details requested & send a separate form for each event)

..... Separate here.....

To Chris Yorke
Compucat Europe Limited
The Mews
18-21 Church Gate
Thatcham
Berkshire
RG19 3PH

Please book now!

Please enrol the following for the meeting
on date

[Inns of Court & City Yeomanry](#)

Membership number, Name, Representing, E mail-----

(If you have special dietary requirements please provide details here).

I enclose a cheque to the value of £..... payable to AFCEA London

NameSigned Telephone

E Mail

Please ensure that all requested information is provided each time you book then you will be contacted only if the event is changed, cancelled or you were too late to gain a place.

Receipts are not sent out but may be obtained from the treasurer on request on the evening

Directions to the [Inns of Court](#) venue are found at the bottom of page 9.

Please take copies for all - and for the future.