**BCS Green IT SG**

**2018 AGM**

**Weds 24th October 2018, at 18.15, BCS HQ London**

**Meeting notes**

1) Attending

   a) In London

      i) Bob Crooks, Alex Bardell, Mike Barnes, Santana Luis and Nigel Jarman

   b) On call

      i) John Booth, Colin Pattinson, Richard Lanyon-Hogg

2) Apologies from Vik Boyan, Margaret Ross and Denise Oram

3) In opening the meeting, Bob ran through the SG's aims and objectives

4) Minutes and matters arising from the 2016/17 AGM – 5 November 2017

   a) Minutes were accepted nem con (without opposition) by the meeting being proposed by Alex Bardell and seconded by Richard Lanyon-Hogg, as a true record and there were no matters arising

5) Treasurer's Report (Denise Oram)

   a) Bob presented in Denise's absence

      i) Budget allocation £1,575, of which we spent (to August 2018) £856.18

      ii) General breakdown of expenditure this year(last year)

| | | | |
|---|---|---|---|
| (1) | Travel & Subsistence (i) | **£337.96** | (£ 643.88) |
| (2) | Catering (ii) | **£57.01** | (£ 168.96) |
| (3) | Speakers Expenses (iii) | **£42.39** | (£ 54.59) |
| (4) | Seminars & Conferences | **£268.80** | (£ 98.95) |
| (5) | Postage | **£30.02** | (£ 121.14) |
| (6) | Other Costs General | **£120.00** | (£ 22.00) |

   i. **Total (to end August 2018) £856.18** (£ 1,010.52)

   b) Noted that we had failed to secure funding for a London Tech Week event as we had submitted bid too late. We had to plan next year's event(s) well in advance

   c) John noted that Data Centre SG had submitted a bid for a Special event but had not been successful. He would find out why and report back

   d) Meeting thanked Denise for the report and her work over the year.

   e) Mike Barnes proposed, Alex Bardell seconded and report was adopted nem con

6) Secretary's & Chair's Reports (Margaret Ross/Bob Crooks)

   a) In Margaret's absence Bob noted on membership

      i) The current membership is **1055** down from 1,214 members last year, a loss of 259 members

      ii) We continue to churn members with (139) new members and (398) members leaving.

      iii) **88%** of members are male (last year 78% ) and **12%** female (last year 22%). So proportion of female members has declined by 50%

      iv) This year **253 (24%)** of members live overseas, compared with (313) (26%) last year. Outside the UK Sri Lanka **87** (127), Mauritius **35** (38) and Hong Kong **34** (31) are the locations with the highest number of members, and we have members in **38 (**44) countries.

   b) On events and activities, Bob had recorded the following..

| Month | GreenIT SG - Speaker's Name | Subject |
|---|---|---|
| Oct 17 | Richard Lanyon-Hogg, Shopshire, Organised by The Small Woods Assoc in Coalbrookdale, Telford, , in association with the BCS GreenIT SG | The Internet of Trees; possible use of IoT technologies to sustainably manage trees, parks and woods |
| Nov 17 | Bob Crooks, Coventry/Warwick University,  Organised by the BCS Coventry Branch,  jointly with the BCS GreenIT SG | Internet of Things - Context and Challenges |
| Dec 17 | Emma Fryer from Tech UK, Organised by the BCS Green IT SG, at BCS London included Green IT SG AGM | Is the Cloud Green or Black and How do you know and why should we be bothered ? |
| Jan 18 | Rachel Adams  and Joshua Taylor, Joint event with BCS GreenIT SG, Organised by the BCS Hampshire Branch and Solent University, at Southampton | GreenIT - Assisting the Environment: Water and Air |
| Feb 18 | Bob Crooks , Hertfordshire Branch | Internet of Things - Context and Challenges |
| Feb 18 | Bob Crooks | Contributed to Policy Connect report "Is going online costing the Earth" at https://www.policyconnect.org.uk/sites/site_pc/files/report/1054/fieldreportdownload/isstayingonlinecostingtheearth.pdf |

| | | |
|---|---|---|
| April 18 | Various contributors from Committee | Including Sustainability into SFIA 7 |
| May 18 | Professor Enrique Alba, University of Malaga, Spain, Joint event with BCS GreenIT SG, Organised by the BCS Hampshire Branch and Solent University, at Southampton | Smart Cities |
| Jun 18 | Alex Bardell, Denise Oram, Richard Lanyon-Hogg and Bob Crooks | IT Now Ethics edition article published ~Towards sustainable ethical computing~ |
| Jun/Jul 18 | Bob Crooks | Tech UK Working group on Attributing Carbon to Cloud Services |
| Sept 18 | Andrew Hatton, Head of IT, Greenpeace; Francois Jolles, CIO & Director, Global Information Systems, IUCN, Joint event with BCS GreenIT SG, Organised by the BCS North London Branch, at BCS London | Green Plan-IT |
| Oct 18 | John Russell CEO for Northern Realisations, and Ugo Vallauri, the founder and director of the Restart Project, at BCS London | E-Waste presentations at AGM |

    i) He also congratulated Margaret on running the 2018 Competition so successfully with 10 entries and 3 prize winners

    ii) Alex Bardell proposed and Nigel Jarman seconded that the Report be adopted, and it was approved nem con

7) Election of Officers – Chair, Vice Chair(s), Secretary and Treasurer (Bob Crooks)

    a) Following Officers were re-elected new con to their posts, being proposed en bloc by Alex Bardell and seconded by Nigel Jarman

       i) Bob Crooks – Chair

       ii) John Booth – Vice Chair

       iii) Denise Oram – Treasurer

       iv) Margaret Ross - Secretary

8) Election of Committee Members (Margaret Ross)

    a) Following members were re-elected nem con to the Committee, being proposed by Nigel Jarman and seconded by John Booth

i) Santana Luis

        ii) Colin Pattinson

        iii) Richard Lanyon-Hogg

        iv) Alex Bardell

9) 2019 Competition,

    a) Bob presented the details from Margaret and asked that we all promoted this in our educational establishments,

        i) The theme is: **"A New Application of the Internet of Things that Benefits Society without costing the earth"**

        ii) The entry is to be one poster to be shown as a single power point slide

        iii) There is an Open Competition for Students/Teachers and a Student Competition

        iv) Further details to be found at https://www.bcs.org/category/14826

10) In closing the formal part of the meeting Bob thanked

    a) All the Speakers and participators in last year's events

    b) The judges for publicising and judging our 2018 GreenIT Competition and the 10 members who took the trouble to submit entries

    c) BCS HQ staff in Swindon and London for organizing our meeting venues and support

    d) Committee members for their support, commitment and work throughout the year

        (1) And noted that the Specialist Group would be delighted to hear from any organisations, branches or other SGs that would be interested in having a presentation on Sustainability and IT, running joint events and/or sponsoring meetings.

11) Bob then opened up the E-Waste discussion, with some global facts and stats

    a) We generate around <u>40 million tons of electronic waste every year</u>, worldwide. That's like throwing away 800 laptops every minute.

    b) An average cellphone user replaces their unit once every 18 months.

    c) E-waste comprises <u>70% of our overall toxic waste</u>.

    d) <u>Only 12.5% of E-Waste is recycled</u>.

    e) <u>85% of our E-Waste are sent to landfills</u> and incinerators are mostly burned, and release harmful toxins in the air!

    f) Electronics contain lead which can damage our central nervous system and kidneys.

    g) A child's mental development can be affected by low level exposure to lead.

h)  The most common hazardous electronic items include LCD desktop monitors, LCD televisions, Plasma Televisions, TVs and computers with Cathode Ray Tubes.

i)  E-waste contains hundreds of substances, of which many are toxic. This includes mercury, lead, arsenic, cadmium, selenium, chromium, and flame retardants.

j)  80% of E-Waste in the US and from most other countries is transported to Asia.

k)  300 million computers and 1 billion cellphones go into production annually. It is expected to grow by 8% per year. (not forgetting IoT devices!)

12) He then introduced the two speakers

a)  **John Russell CEO for Northern Realisations**, an e-waste recycling company in Crewe, which specialises in the refurbishment and remarketing of the entire spectrum of ICT equipment sourced from a range of government departments and agencies, financial corporations, manufacturers, insolvency practitioners etc. See : https://www.realnorth.co.uk/

b)  **Ugo Vallauri, the founder and director of the Restart Project**, a people-powered social enterprise that aims to fix our relationship with electronics. See: https://therestartproject.org/about/

13) Bob closed the meeting at 20.00hrs, thanking the speakers for their presentations