



Annual General Meeting 2013

BCS Northamptonshire Branch

Date: 27th November 2013

Welcome

Branch Chair

BCS Northamptonshire Branch

Barney Duffy

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AGM Agenda



- **Chair**

- Opening remarks and over view of the year.

- **Secretary**

- Agenda
- Events of 2012/13 Review
- Planned Events Scheduled for 2013/14

- **Treasurer's Report**

- **Membership Secretary's Report**

- **Student Prizes**

- **Committee Appointments 2013/14**

AGM Process

Branch Secretary's Report

BCS Northamptonshire Branch

Pat Twiselton

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What we did, in the previous year



Events of the last year.

- **15th March 2013 - National Science Week**
- **March 2013 - International Women's Day**
- **February 12th 2013 - Building Effective Problem Solving Groups**
- **24th January 2013 - New Colossus Gallery at Bletchley Park**
- **12th December 2012 - Stakeholder Management: Hard tools and soft skills**
- **22nd November 2012 - Northampton Branch AGM**
- **4th October 2012 - Introduction to Cryptography**

Future Events 2013/2014



Planned events for 2013/14

- 22nd October 2013 Machine Vision In The Mailing Machine Industry
- 27th November 2013 Mobile Applications
- Jan 2014 BYOD
- Feb 2014 Raspberry PII Event
- March 2014 Women in Computing
- April 2014 Student Event
- May 2014 Details to Follow
- September 2014 AGM

Financials

Treasurer's Report
BCS Northamptonshire Branch

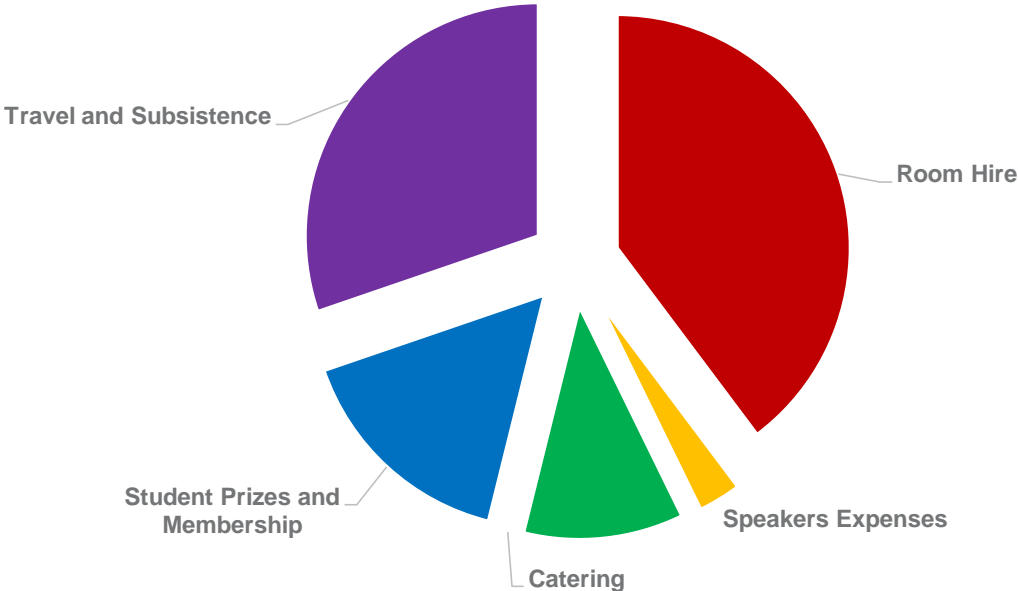
Pat Twiselton

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Financials – Summary

	Budget	Actual Spend	Underspend
	£	£	£
2012/13 Allocation	2,745	1,259	1,486
Income	0	0	
2013/14 Allocation		£2,343	

Financials – what we spent it on



Membership

Membership Secretary' s Report
BCS Northamptonshire Branch

Dr Ali Al-Sherbaz

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Membership Report



Total number of branch members 986

- 147 members have joined
- 2012 – 839
- 2013 – 986
- Increase of 147 members

The following is a breakdown of membership

- CITP FBCS – 8
- CITP MBCS – 366
- MBCS – 502
- Affiliate – 18
- Associate – 0
- Student 1 Year Memberships – 42
- Student 4 Year Memberships (or Full course) – 45

BCS The Chartered Institute for IT Educational Affiliates (these were free places given to those associated with courses)- 5

Membership report continued



- Branch 1st Choice 850 (86.2%)
- Branch 2nd Choice 94 (9.5%)
- Branch 3rd Choice 42 (4.3%)

Other facts :

- Life Members 10
- Chartered Engineers 51
- Chartered Scientists 3

Student Prizes

BCS Northamptonshire Branch

Gary Hill

Education Liaison Officer

Student prizes

Technical / Business Computing

Gary J. Hill, BSc(Hons), MSc, MPhil, PGCE, FBCS CITP
Head of Department: Computing & Immersive Technologies

Winner of BCS The Chartered Institute for IT - Best Technical Computing 1st Year Award.

Jonathan Nicholls

Winner of BCS The Chartered Institute for IT Best Student Performance Prize

Liam Jackson

Winner of the HM Government Communication Centre (HMGCC) Best Dissertation Prize

Szczecinski Pawel

Winner of the Best Group Project Prize from HM Government Communication Centre (HMGCC)

Sandro Olivadoti

Thomas White

Ross Gamble

Lee Rossouw

Voting

Present Committee

BCS Northamptonshire Branch

**Pat Twiselton
Branch Secretary**

Current Committee

Name	Role	Email
Barney Duffy MBCS	Chair	barney@duffy.net
Pat Twiselton MBCS CITP MAAT	Secretary	pat.twiselton@bcs.org.uk
Pat Twiselton MBCS CITP MAAT	Treasurer	pat.twiselton@bcs.org.uk
Dr Ali Al-Sherbaz	Membership Secretary	Ali.al-sherbaz@northampton.ac.uk
Dave Ellard MBCS	Web Master	dave.ellard@bcs.org.uk
Paul Squires MBCS CITP	Email Co-ordinator	paul.squires@bcs.org.uk
Scott Turner PhD MBCS	Public Relations	Scott.Turner@northampton.ac.uk
Gary Hill FBCS CITP	Education Liaison Officer	garyhill@bcs.org.uk
Rashmi Dravid MPhil MSC BE	Female Membership Officer	rashmi.dravid@northampton.ac.uk
Sarith Chandra BEng MSc (Eng) MSc Security+ CISSP MBCS	YPG Professional	csarith@bcs.org
Natasja Whitehead MBCS	YPG Student	tasjayted@googlemail.com
Scott Bullock	General Committee Member	scottbullock@hotmail.com

Nominations

For Election to Committee

BCS Northamptonshire Branch

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Proposers & Seconders

Nominee	Committee Position	Proposer	Seconder	Email
Barney Duffy	Chair	Gary Hill	Scott Turner	barney@duffy.net
Pat Twiselton	Secretary	Scott Turner	Barney Duffy	p.twiselton@btconnect.com
Pat Twiselton	Treasurer	Barney Duffy	Ali Al-Sherbaz	p.twiselton@btconnect.com
Dr. Ali Al-Sherbaz	Membership Secretary	Rashmi Dravid	Gary Hill	ali.al-sherbaz@northampton.ac.uk
Dave Ellard	Webmaster	scott Bullock	Barney Duffy	dave.ellard@btinternet.com
Adam Bradley	Assistant Webmaster	Barney Duffy	Espen Svennevik	adam@craywiki.co.uk
Paul Squires	Email Coordinator	Barney Duffy	Scott Turner	paul.squires@bcs.org.uk
Scott Turner	Publicity	Rashmi Dravid	Dr. Ali Al-Sherbaz	Scott.Turner@northampton.ac.uk
Gary Hill	Education Liaison Officer	Rashmi Dravid	Scott Turner	Gary.Hill@northampton.ac.uk
Rashmi Dravid	Female Membership Officer	Dr. Ali Al-Sherbaz	Scott Turner	Rashmi.Dravid@northampton.ac.uk
	YPG Student			-
Sarith Chandra	YPG Professional	Barney Duffy	Ali Al-Sherbaz	csarith@bcs.org
Scott Bullock	General Committee member	Barney Duffy	Paul Squires	scottbullock@hotmail.com

Tea and Comfort Break



BCS Northamptonshire Branch

Mobility and Applications

Mobility



- Northampton Branch
- 1st stage mobile Applications (November)
- 2nd stage Hardware, Management (January)

Computing Landscape is Changing



2014 is the year when mobile devices will out number Fixed Computer workstations.

- Gartner expects worldwide tablet shipments to grow 53.4% in 2013
- Fixed workstations are still declining 7.3 % this year (Gartner)
- If you are not prepared for the mobile environment, you will be left behind

What is Driving Mobility.

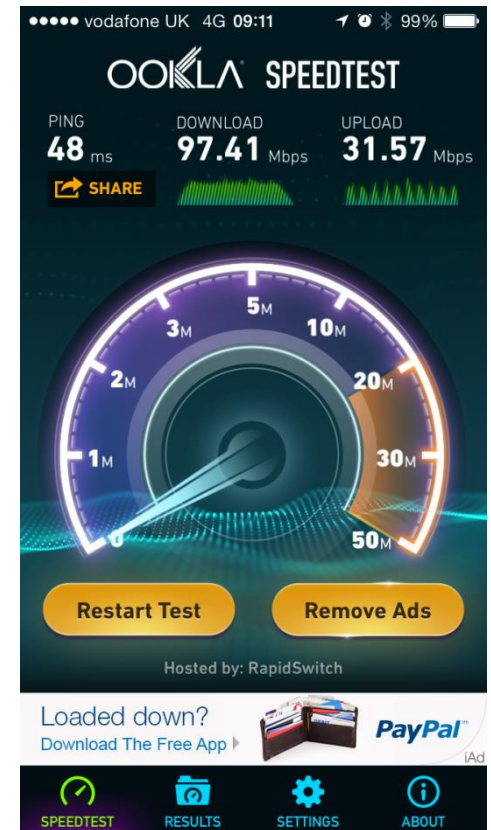


There are many things driving mobility these include;

- The Migration to Web and Cloud based Applications.
- Mobility access includes Wi-Fi, 3G/4G networks
- Always on Devices
- Ease of use
- Low cost Hardware and Services
- Use of Social Media Facebook/Twitter/Linkedin
- Media Based Devices
- Bandwidth is no longer a problem!

Introduction of faster Mobile networks

- Mobile networks
 - 4G networks with Speeds approaching 100MB Down and up to 50 MB up



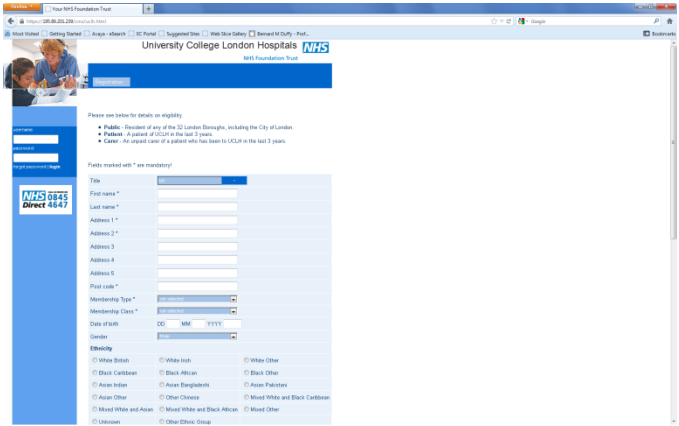
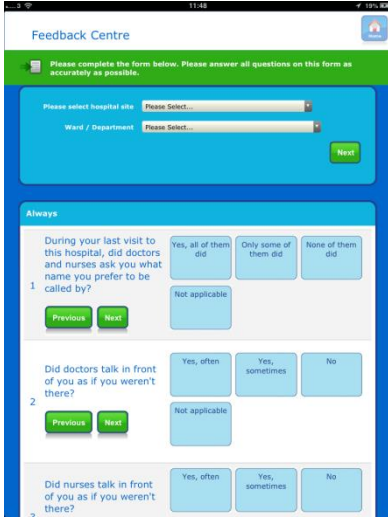
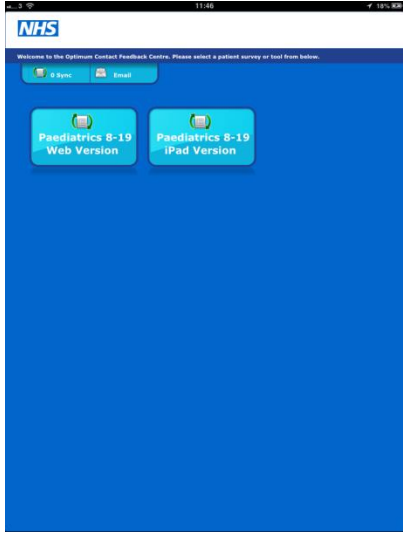
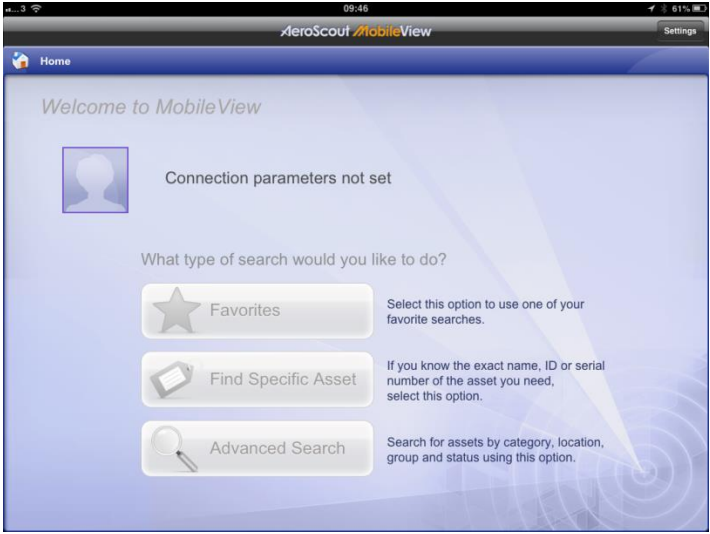
Introduction of Faster Wi-Fi Networks

802.11 network standards											
802.11	Release ^[6]	Freq.	Bandwidth	Data rate per stream	Allowable	Modulation	Approximate indoor range[citation needed]		Approximate outdoor range[citation needed]		
protocol		(GHz)	(MHz)	(Mbit/s) ^[7]	MIMO streams		(m)	(ft)	(m)	(ft)	
a	Jun-97	2.4	20	1, 2	1	DSSS, FHSS	20	66	100	330	
b	Sep-99	2.4	20	1, 2, 5.5, 11	1	DSSS	35	115	140	460	
g	Sep-99	2.4	20	6, 9, 12, 18, 24, 36, 48, 54	1	OFDM, DSSS	38	125	140	460	
n	Oct-09	2.4/5	20	7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2 ^[8]	4	OFDM	70	230	250	820 ^[8]	
			40	15, 30, 45, 60, 90, 120, 135, 150 ^[8]			70	230	250	820 ^[8]	
ac	Dec-12	5	20	up to 87.6 ^[9]	8						
			40	up to 200 ^[9]							
			80	up to 433.3 ^[9]							
			160	up to 866.7 ^[9]							
ad	~Feb 2014	2.4/5/60		up to 6912 (6.75Gb/s) ^[10]						Wikipedia	

Slicker Hardware



Web Based Applications



Application types



- Simplest Canned Browser
 - Allows Access to a Single Website
- Single App (Enterprise or Public)
 - Allows Access to a Single Service
- Complex Applications
 - Access Web Services (Multiple)
 - Internal Database
- Process Based Application Services
 - Total Workforce Mobility
 - Process based Application Services

BCS Northamptonshire Branch
Main Presentations

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