COUNCIL OF PROFESSORS AND HEADS OF COMPUTING

The Annual General Meeting of the Council of Professors and Heads of Computing will be held on **Monday 7th April 2014** at Loughborough University, Loughborough, Leicestershire. LE11 3TU

AGM AGENDA

1. APOLOGIES FOR ABSENCE

2. MINUTES OF THE LAST ANNUAL GENERAL MEETING [CPHC/AGM 13/03.9]
   Approve the minutes of the Annual General Meeting held on 25th March 2013

   2.1. Matters Arising from the Minutes

3. REPORTS

   3.1. Chair’s Report (Iain Phillips) CPHC/AGM14/02
   3.2. Secretary’s Report (Colin Johnson, Deputising) CPHC/AGM14/03
   3.3. Treasurer’s Report (Carsten Maple) CPHC/AGM14/04
   3.4. LDG Report (Sally Fincher) CPHC/AGM14/05
   3.5. Information Group Report (Carsten Maple) CPHC/AGM14/06
   3.6. CPHC in Wales Report (Vic Grout) CPHC/AGM14/07
   3.7. CPHC in Scotland Report (Sally Smith) CPHC/AGM14/08
   3.8. UKCRC Report (Joe Sventek) CPHC/AGM14/09

4. RECEIVE AND APPROVE ACCOUNTS FOR 2012/13 CPHC/AGM14/10

5. APPROVE THE APPOINTMENT OF INDEPENDENT AUDITORS

6. ELECTIONS TO COMMITTEE

7. ANY OTHER BUSINESS
CPHC/AGM/10
Agenda item 4

COUNCIL OF PROFESSORS AND HEADS OF COMPUTING
C/o BCS, First Floor, Block D, North Star House,
North Star Avenue, Swindon SN2 1FA

CPHC ANNUAL GENERAL MEETING 2014

RECEIVE AND APPROVE ACCOUNTS FOR 2012-13
This is the end of my two-year term as Chair of CPHC. I joined the committee five years ago as a new and fresh-faced Head of Department, believing strongly that CPHC was a supportive organisation for HE Computing. I became Vice Chair after only one year on the Committee and subsequently Chair. In that time I’ve finished my term as HoD at Loughborough and have tried hard to make CPHC work better for its member organisations. Whether this has been successful is something that only the members can judge.

In my first year as Chair we examined our motivations, our reasons for existence and our links with other organisations, specifically the BCS, CAS, the HEA and e-Skills. Sometimes it seems that the CPHC is nothing more than a mailing list, with a number of “strong” personalities. However, we are much more than that. The committee has the capability to research issues of relevance to all HE Computing Departments, as noted by our oft-cited report on employability. This year we are now investigating attrition in computing and will aim to look at the employment market again in the near future. The aim is to have some evidence to back up or discount claims made about our discipline by government and the national press.

However, at the end of the day the CPHC Committee is a set of volunteers, who, by the very nature of their positions, are very busy people. This is not necessarily the best basis for an organisation, but it is what we have. In my final two years on the committee, I will be aiming to improve CPHC further, aiming to continue it becoming an organisation that can directly help its member bodies achieve its objectives.

My thanks to all of you who have sent me supportive and critical messages over the past two years. I wish Sally Smith and the new Committee all the best as they continue the work.

Iain Phillips
April 2014
Minutes of the Annual General Meeting of the Council of Professors and Heads of Computing held on Monday 25th March 2013 at 17.15 at Cardiff University, Trevithick Building, Seminar rooms 1 & 2, The Parade Newport Road Cardiff, Wales CF24 0DE

Approximately 45 Members took part in the meeting.

1. APOLOGIES FOR ABSENCE
   No apologies received

2. MINUTES OF THE ANNUAL GENERAL MEETING [CPHC/AGM11/09]
The minutes of the 2012 AGM held on Tuesday 10th April 2012 at 13.50 at the University of York, Ron Cooke Hub and Computing Science, Heslington, York YO10 5DD
   RECEIVED and APPROVED

   2.1. MATTERS ARISING FROM THE MINUTES
   No matters arising

3. REPORTS

   3.1. CHAIR’S REPORT – I Phillips
   RECEIVED and APPROVED. Appendix 1

   3.2. SECRETARY’S REPORT – R Farmer
   RECEIVED and APPROVED. Appendix 2

   3.3. TREASURER’S REPORT – C Maple
   RECEIVED and APPROVED. Appendix 3

   3.4. LDG REPORT – S Fincher
   RECEIVED and APPROVED. Appendix 4

   3.5. INFORMATION GROUP REPORT
   RECEIVED and APPROVED. Appendix 5
3.6. CPHC IN WALES REPORT – I Wells
RECEIVED and APPROVED. Appendix 6

3.7 CPHC IN SCOTLAND REPORT – S Smith
RECEIVED and APPROVED. Appendix 7

3.8 UKCRC REPORT – J Sventek
RECEIVED and APPROVED. Appendix 8

4. RECEIVE AND APPROVE ACCOUNTS FOR 2011/12
RECEIVED and APPROVED.

5. APPROVE THE APPOINTMENT OF INDEPENDENT EXAMINERS
AGREED: To re-appoint the current examiners Banks to continue in the post as the independent auditor.

6. ELECTIONS TO COMMITTEE
The Secretary listed the nominations for the One Officer Position, Secretary. There was one nomination David Duce, this member was elected unopposed.

The following three members were re-elected:
Professor Carsten Maple
Professor Sally Fincher
Professor Ian Wells

There were three member vacancies for the Committee to serve a two year Term of Office.

The following new committee members were elected:
Professor Vic Grout – Glyndwr University
Dr Colin Johnson – University of Kent
Dr Rupert Ward – University of Huddersfield

The following three members retired from the Committee:
Professor Liz Burd
Dr Gerry McAllister
Mr Raymond Farmer

The full committee membership is appended to these minutes as Appendix 9.

7. ANY OTHER BUSINESS

Thanks were given to the following Officers:
Ray Farmer was thanked for his time and effort as Secretary and both Liz Burd and Gerry McAllister for their time and effort as Committee members.

No other business.

Appendix 1 - Chair’s Report
Appendix 2 - Secretary’s Report
Appendix 3 - Treasurer’s Report
Appendix 4 - LDG Report
Appendix 5 - Information Group Report
Appendix 6 – CPHC in Wales Report
Appendix 7 – CPHC in Scotland Report
Appendix 8 – UKCRC Report
Appendix 9 – Full CPHC Committee Membership
CHAIR’S REPORT

Iain Phillips

This Conference completes my first year as Chair and, as our constitution dictates, 50% of my time in this role. This year my main efforts have been to focus on our engagement with related organisations. To this end we have arranged for speakers from the BCS Academy (Bill Mitchell and Jeremy Byrne http://academy.bcs.org/) and the HEA (Mark Radcliffe http://www.heacademy.ac.uk/disciplines/computing) to speak for an extended time at CPHC Committee meetings. Liz Bacon, as Chair of the BCS Academy, is a co-opted member of the CPHC Committee. We also meet with e-skills on a regular basis, sharing these meetings with the BCS Academy of Computing. CPHC has provided funds to CAS (Computing at School) to aid their relationship with HE (http://www.cphc.ac.uk/cas.php) and this has activity has been taken on in partnership with the Network of Excellence, meaning that some of our funds are still available and the work will continue next year. My thanks to the Universities that have supported this and I hope we will continue to do so.

CPHC Committee is in an interesting position where it is has financial resources to fund work, but lacking in human resources to undertake any. We will be working this year on funding research project that would provide useful information for our members to pursue CPHC’s aims (http://cphc.ac.uk/constitution.php):

- consider matters affecting research, scholarship and learning in Computing within Universities, and their interaction with professional practice;
- promote quality and professionalism in Computing;
- formulate and express the views of senior academics in Computing on such matters and make recommendations to appropriate bodies;
- do all such other lawful things necessary for the furtherance of the objects.

I would welcome suggestions for research that members feel needs to be done. We have studied employability and are currently looking at attrition and retention.

My thanks are due to the members of the Committee whose terms are completing for their time and commitment to CPHC. I cannot yet name them here as many will stand for election and may well be reappointed, but I believe that Liz Burd and Ray Farmer will be moving on. Nominations are still accepted for election to the Committee this year.

My thanks are also due to all members of the committee for their contribution to meetings and our activities.
Appendix 2

CPHC ANNUAL GENERAL MEETING 2013

SECRETARY’S REPORT

1. The current membership of the Council is over 800 drawn from 103 institutions.

2. The Committee met on 4 occasions in the last business year: 9th July 2012, 24th September 2012, 26th November 2012, and 4th February 2013. Pertinent items of business are reported elsewhere on the agenda.

3. The Council has charitable status for England, Wales and Scotland. Accounts will shortly be submitted for these.

4. Administrative support to the Council’s affairs continues to be ably supplied by the BCS Secretariat.

Ray Farmer
CPHC Secretary
Appendix 3

CPHC ANNUAL GENERAL MEETING 2013

TREASURER’S REPORT

1. The CPHC finances for the year 2011-12 continue to be in good health and to provide a secure base for CPHC’s continued operation.

2. For the 6th successive year income exceeds expenditure.

3. The general fund on 30th June 2012 amounted to £101,874 providing considerable scope for the charity to pursue its declared aims of “… advancing public education in the core subject of computer science and in the wider context of computing and its applications” (Charities Commission: www.charity-commission.gov.uk charity number: 803000)

4. The CPHC’s end-of-year financial positions for the past 12 years are:

<table>
<thead>
<tr>
<th>Start of financial year</th>
<th>End of financial year</th>
<th>Income (£)</th>
<th>Expenditure (£)</th>
<th>Net contribution (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 Jul 2000</td>
<td>30 Jun 2001</td>
<td>28,635</td>
<td>31,491</td>
<td>-2,856</td>
</tr>
<tr>
<td>01 Jul 2001</td>
<td>30 Jun 2002</td>
<td>32,293</td>
<td>28,248</td>
<td>4,045</td>
</tr>
<tr>
<td>01 Jul 2002</td>
<td>30 Jun 2003</td>
<td>33,972</td>
<td>27,175</td>
<td>6,797</td>
</tr>
<tr>
<td>01 Jul 2003</td>
<td>30 Jun 2004</td>
<td>34,176</td>
<td>38,999</td>
<td>-4,823</td>
</tr>
<tr>
<td>01 Jul 2004</td>
<td>30 Jun 2005</td>
<td>41,053</td>
<td>48,217</td>
<td>-7,164</td>
</tr>
<tr>
<td>01 Jul 2005</td>
<td>30 Jun 2006</td>
<td>46,981</td>
<td>45,910</td>
<td>1,071</td>
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<tr>
<td>01 Jul 2006</td>
<td>30 Jun 2007</td>
<td>39,202</td>
<td>37,787</td>
<td>1,415</td>
</tr>
<tr>
<td>01 Jul 2007</td>
<td>30 Jun 2008</td>
<td>55,638</td>
<td>39,083</td>
<td>16,555</td>
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<tr>
<td>01 Jul 2008</td>
<td>30 Jun 2009</td>
<td>52,366</td>
<td>46,631</td>
<td>5,735</td>
</tr>
<tr>
<td>01 Jul 2009</td>
<td>30 Jun 2010</td>
<td>44,887</td>
<td>42,850</td>
<td>1,837</td>
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<tr>
<td>01 Jul 2010</td>
<td>30 Jun 2011</td>
<td>46,489</td>
<td>31,805</td>
<td>14,684</td>
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<tr>
<td>01 Jul 2011</td>
<td>30 Jun 2012</td>
<td>45,469</td>
<td>43,887</td>
<td>1,582</td>
</tr>
</tbody>
</table>

5. Banks, CPHC’s chartered accountants, conducted the annual examination of the accounts and reported that everything was in order.

6. Members are asked to accept the detailed CPHC accounts (provided separately).

7. The examined accounts for the previous 5 years are available via the Charities Commission website.

Carsten Maple
CPHC Treasurer
Learning Development Group Annual Report
March 2013

The LDG has pursued two themes in 2012/13

1. Survey of Computing Student Engagement (SCSE)
The 13-institution pilot is now live. We are hopeful that we will get participation from most pilot institutions, although this majority of this will likely be with first and second years, rather than first and final years (institutions are reluctant to interfere with/jeopardise their NSS response with their final year students). SCSE will close on 5th April. Interim results will be reported in the “Student Experience” session at conference.

2. Enterprise & Entrepreneurship in the Computing Curriculum
Following from last year’s email survey, Liz Burd has undertaken a search of every institution’s website and identified interesting/innovative courses. A one-day workshop was held in London on 1st March to collect further examples and Liz Burd is working to produce a comparative report.

LDG is seeking additional themes for 2013/4 work and would welcome suggestions.

Sally Fincher
Appendix 5

Information Group Report
2012-2013

Carsten Maple
Cardiff
March 2013
A working group was established to organise research into areas that will help members in devising strategy to ensure strength of departments in the turbulent times ahead.

1) Investigation of Entrepreneurship in Computing led by LDG.

2) Graduate Unemployment led by Lachlan MacKinnon

2) Attrition in Computing led by Liz Bacon.
Response to Consultations

A new process developed:

1. Consultations are sent to the Committee with a 5 day deadline for their view on whether we should send a response and asking for any volunteers willing to produce a first draft on behalf of the Committee.

2. Depending on the size of the draft and timescales a deadline will be set for the first draft.

3. The original call for consultation and the first draft response will then be sent to the wider CPHC members for comments with a deadline for responses.

4. A second draft will then be sent as a response to the original call and sent to members and/or placed on the website.
Response to Consultations

Co-ordinate with BCS, IET and UKCRC

The mailing list has been rather quiet lately – a sign of the times perhaps

We are a charity but a membership body. Our best way of achieving charitable aims is to support you to champion the cause. Let us help you by getting engaged
The changing landscape

UCAS End of Cycle
Different countries different models: How does this affect your competitor basket?

- Recruitment into the 2012-13 academic year decreased substantially in England and Wales
- Acceptances from Wales increased in 2012, driven by more studying in England
- Acceptances to Scottish institutions increased in 2012, the Scottish entry rate increased, and acceptance rates of English applicants to Scottish institutions increased
- Acceptances to Northern Ireland institutions increased in 2012 as fewer of their 18 year olds study elsewhere
Is gender a weakness or opportunity?

- Young women were a third more likely to enter in 2012 than men, the majority of the fall in entry rate in 2012 was amongst men.
Is Computing STEM?

- STEM “holding its own” but G400 looks to be in bad decline. How do we address this?
Report for Cyngor Penaethiaid Cyfrifiadura Cymru /Council of Heads of Computing in Wales (CPCC) for 2012 to 2013

The Welsh section of the CPHC, formally called Cyngor Penaethiaid Cyfrifiadura Cymru /Council of Heads of Computing in Wales, or CPCC for short, is now functional and meets several times a year. The secretary and chair positions were both done by Professor Ian Wells from Swansea Metropolitan University during most of the past year but this position has now been taken over by Professor Vic Grout from Glyndwr University.

The aims of the CPCC were decided as follows:

- Networking, sharing ideas and experiences among the Heads and Professors of Computing in Wales
- Exerting pressure and influence in National Projects that have a significant Computing content
- Informing and influencing, where possible, decisions of the Welsh Government on issues related to Computing
- Strategic Collaboration between Universities and consider joint submissions if appropriate
- Communication of specific Welsh issues to the CPHC nationally

Getting a regular and active involvement from Welsh Universities has been a priority for the CPCC since its formation and this has proved to be a difficult task. The group is however looking to be more of a campaigning group in the future.

The group has been following and reporting on the development of the HE regionalisation policy of the Welsh government. Paying particular attention to the implications for Computing/Computer Science Departments.

The following developments took place last year:

South West: Trinity St David and Swansea Met were formally merged in October 2012 which will be followed soon by Coleg Sir Gar, Coleg Ceredigion and possibly Pembroke College creating a dual sector University. The University of Wales would be gradually merged into the dual sector University.
over a number of years. Swansea University will continue to operate independently.

South East: The University of Glamorgan and Newport University will merge later this year. Cardiff Met’s position at the moment is to stay on their own after resisting merger with Glamorgan and Newport. Cardiff University will continue to operate independently. Newport University decided to close much of its computing provision during the year.

North: It was/is unclear what will happen with Aberystwyth and Bangor Universities but they are reportedly working more closely together. Glyndŵr is going through a HE review, commissioned by the Welsh Government, that will last a year and it’s unclear what will happen next.

Other activities have included:

- The group has been involved in the development of a Welsh Undergraduate Computing Courses Website, which is now live and hosted by the BCS.
- In discussions with e-Skills Wales some Universities agreed to participate in the development of a Software Engineering foundation degree
- Various organisations have been involved in discussions at the CPCC meetings including e-Skills, HPC Wales, BCS Academy, BCS Welsh Universities Group and CAS
Tuition Fees: the situation in Scotland

The Scottish Government has “confirmed its opposition to making Scotland domiciled students studying at Scottish HEIs pay tuition fees”\(^1\).

The HE funding debate has culminated in two Scottish Government decision:
- allowing Scottish HEIs to charge rest of the UK (RUK) domiciled students an increased tuition fee from 2012-13;
- increased public funding of HEIs, through the SFC, by £135.5 million over the next three years.

The Scottish Government is also investigating the possibility of a “management fee” for EU students. The number of EU students has increased by 50% over the past 4 years

The Scottish Informatics and Computer Science Alliance

**SICSA**, our collaboration of Scottish Universities around Informatics and Computer Science research and education, has a new director, Prof Rod Murray-Smith of Glasgow University. SICSA has secured funding for joint research and education activity across Scotland for a further three years and is exploring funding models beyond 2015. The PhD student-organised conference will be held this year at the University of Stirling.

Representatives of all Scottish Universities offering computing courses met recently to plan the year’s joint activities. Events include an outreach to businesses event and workshops looking at teaching challenges faced across computing departments.
At the end of the research pool funding cycle SICSA are considering a subscription model.

**New School Awards**

Scottish pupils are now studying towards National Assessment awards, replacing our standard grades (GCSE equivalents)\(^2\) and the new computing award emphasises programming. To help teachers inspire pupils, universities, in conjunction with the Royal Academy of Edinburgh, have funded some time for a teacher to develop exemplification material.

**Funding update 2012/2013 related to CS**

The Scottish Funding Council increased research funding by £10m, following HEFCE in allocating funding only for 3* and 4* RAE rated research.

An additional 300 funded undergraduate places were created and shared between seven universities in STEM subjects.

Since the start of 2012/2013 a further employability premium of £5m has been identified, along with additional funded places for taught postgraduates and college articulation.

Sally Smith
CPHC Vice-Chair
Strategy and Governance
The primary strategy initiative during the past year has been to informally engage with the EPSRC ICT team on a number of research funding activities of importance to the UK computing research community. These are described in the Research Funding and Policy section below.
The primary governance initiative has been the exploration and adoption of the ability to conduct a virtual Annual General Meeting. This will be tested this year, in which the AGM will not only be virtual, but will also be asynchronous (conducted over a period of time). Experience with this approach will be reported next year.

Research Funding and Policy
Elected members of the UKCRC Executive Committee met several times with the EPSRC ICT team to informally discuss the Shaping Capability activity. These constructive discussions helped refine EPSRC’s initial thinking about the importance of particular ICT research areas, especially with regard to funding growth/maintenance/reduction. UKCRC feels that this constructive dialogue positively benefited the UK computing research community.
Elected members of the UKCRC Executive Committee also met with the EPSRC ICT team to informally discuss the Centres for Doctoral Training call. We discussed the draft set of ICT focus areas for CDTs, suggesting consolidation of fragmented areas, as well as introducing a small set of additional focus areas that were not in the draft set. Again, UKCRC feels that this constructive dialogue positively benefited the UK computing research community.
UKCRC continues to monitor the activities leading up to Horizon 2020. As this programme solidifies, we will advise the membership of particular opportunities that are of UK importance.

Membership
The membership of the UKCRC has grown slowly during the year, increasing by approximately 5 members.
The Executive Committee and Membership Committee continue to actively recruit new members of UKCRC. During the past year, the Executive Committee has noted that the exemplar criteria on the “How to Join” web page were too focused on academics, potentially contributing to the small percentage of industrial UKCRC members. Tony Cohn has recommended a set of changes to the web site that should increase UKCRC’s attractiveness to industrial experts, with the hope that we can attract more of them into the Committee.
We are also endeavouring to enumerate any FRS’s, FREng’s, FRSE’s, programme grant holders, and other eminent computer scientists with a stake in UK Computing Research that are not yet UKCRC members and encourage them to apply for membership.

**Consultations and Submissions**

In the past year, UKCRC has responded to the following consultations:

1. **RCUK Capital Investment Consultation** (led by Dave Robertson)
2. **Scottish Government consultation on a Scotland-wide Data Linkage Framework for Statistics and Research** (led by Michael Fourman)
3. **BIS Inquiry into Government’s Open Access Policy** (led by Dave Robertson)
4. **Cabinet Office Consultation on the Definition and Mandation of Open Standards for Software Interoperability, Data and Document Formats in Government IT** (led by Dave Robertson)
5. **HEFCE Call for advice on open access** (in process)
Appendix 9

TERMS OF OFFICE FOR THE CPHC COMMITTEE – March 2013

CPHC Committee Membership (post AGM):

<table>
<thead>
<tr>
<th>OFFICERS</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair: Dr Iain Phillips (Loughborough)</td>
<td>2012-14</td>
</tr>
<tr>
<td>Vice-Chair: Sally Smith (Edinburgh Napier)</td>
<td>2012-14</td>
</tr>
<tr>
<td>Secretary: Professor David Duce (Oxford Brookes)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Treasurer: Professor Carsten Maple (Bedfordshire)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Professor Sally Fincher (Kent)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Dr Stephen Jarvis (Warwick)</td>
<td>2012-14</td>
</tr>
<tr>
<td>Professor Martin Loomes (Middlesex)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Professor Edmund Robinson (Queen Mary)</td>
<td>2012-14</td>
</tr>
<tr>
<td>Professor Ian Wells (Swansea)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Professor Vic Grout (Glyndwr)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Dr Colin Johnson (Kent)</td>
<td>2013-15</td>
</tr>
<tr>
<td>Dr Rupert Ward (Huddersfield)</td>
<td>2013-15</td>
</tr>
</tbody>
</table>
CPHC ANNUAL GENERAL MEETING 2014
SECRETARY’S REPORT

1. The current membership of the Council is approx. 788 drawn from 102 institutions.

2. The Committee met on 4 occasions in the last business year: 13th May 2013, 8th July 2013, 10th October 2013, and 3rd February 2014. Pertinent items of business are reported elsewhere on the agenda.

3. The Council has charitable status for England, Wales and Scotland. Accounts will shortly be submitted for these.

4. Administrative support to the Council’s affairs continues to be ably supplied by the BCS Secretariat.

5. Elections of Chair, Vice Chair, Treasurer and Three Committee member vacancies. (Details attached below)

David Duce
CPHC Secretary
April 2014
Nominations for Officers and Members of the Committee

31 March 2014

Officers

The current Vice Chair, Sally Smith (Edinburgh Napier University), has been nominated for election as Chair and has indicated her willingness to stand. No further nominations have been received.

The current Treasurer, Carsten Maple (University of Bedfordshire), has been nominated for election as Vice Chair and has indicated his willingness to stand. No further nominations have been received.

Edmund Robinson (Queen Mary University of London), whose term of office as a Committee Member expires at this AGM has been nominated for election as treasurer and has indicated his willingness to stand. No further nominations have been received.

The retiring Chair, Ian Phillips (Loughborough University), takes a role on the Committee as the immediate Past Chair for a period of two years, 2014-2016.

For reference

- David Duce (Oxford Brookes University) continues as Secretary until 2015.
- Lachlan Mackinnon (University of Greenwich) completes his term of office as immediate Past Chair and is now not eligible to serve on the Committee in any capacity for a period of two years.

Committee Members

There were three vacancies for Committee Members (Martin Loomes retiring, Edmund Robinson and Stephen Jarvis eligible for re-election). Edmund Robinson has been nominated as treasurer. The following three nominations have been received for election for 2 years. All the candidates have agreed to stand for election.

1. Balbir Bain (Middlesex University) proposed by Martin Loomes, seconded by David Duce
2. Stephen Jarvis (University of Warwick, member 2012-2014, eligible for re-election), proposed by Carsten Maple and seconded by David Duce.
3. Miltos Petridis (University of Brighton), proposed by Carsten Maple, seconded by Liz Bacon.

In summary, there are three vacancies for Committee Members and three nominations have been received.

For reference

- Martin Loomes (Middlesex University) has served on the Committee for seven years consecutively and is not eligible for re-election.
- The terms of office of the following five Committee Members continue until 2015: Sally Fincher (University of Kent), Vic Grout (Glyndwr University), Colin Johnson (University of Kent), Ian Wells (University of Wales: Trinity Saint David), and Rupert Ward (University of Huddersfield).
Nominations for Committee Membership

Professor Balbir Barn, University of Middlesex

My working career of over 27 years has been one of two halves. Following a doctorate in Computer Science from the University of Bath in 1987, I embarked on an industrial research career of over 15 years with a number of UK based research labs such as GEC Software (working on Integrated project support environments), Texas Instruments Research Labs (TI) and Sterling Software. At Texas Instruments I played a leading role in the research, design and development of the world’s first 100 percent code generation application development environment - the IEF. Following this, I spent several years working in start-up companies during the dot com era and created a model driven software engineering practice at Rubus Ltd as well as leading on the establishment of an offshore development centre supporting the consultancy projects under- taken by Rubus. As a technical architect I contributed to the architecture of several of the early websites of leading companies such as Thomas Cook, Waterstones and the Marks and Spencer subsidiary: Confetti.co.uk.

My second career started in 2001 when I was appointed Professor and Head of Department of Computing at Thames Valley University. As the Vice-Chancellors appointment I implemented a change management strategy to recover and then develop the Department. Various initiatives that I managed and led on included: the review and re-design of the entire UG/PG portfolio and innovative partnerships for work based Foundation Degrees with leading IT suppliers such as EDS and HP.

In 2008, I was appointed as Associate Dean, Business in the School of Engineering and Information Science at Middlesex University. The role later morphed into a Deputy Dean role where I had wider responsibility including research, curriculum development, international strategy and other aspects. A major aspect of my role over recent years has been leading and preparing the Computer Science REF 2013 submission.

Since 2001 my academic career has included all key components of academia. I am senior manager and part of the executive of a large and complex School and hence have shared responsibility for the operational activities of the School. In my role as a Deputy Dean for Research I have had oversight of rapid growth of research income of the School and in the increase in quality of research outputs as part of REF 2013. In addition to the management aspects of my career, I maintain my own research career and have attracted almost GBP 1.5M of research income as a principal investigator as well significant consultancy income. Currently my research interests and publications cover a range of areas including: model driven software engineering, enterprise architecture, conceptual modelling and design of mobile software systems. More recently, I am researching issues around value sensitive design.

In summary my 27 years of strong industrial, teaching, research, administrative and management experience means that I can make a significant strategic contribution to the CPHC as it seeks to steer a course for the discipline of computing discipline in higher education sector.
Professor Miltos Petridis, University of Brighton

Prof Miltos Petridis MEng, PhD, MBA, MBCS, MIET, MACM, Head of School of Computing, Engineering and Mathematics

Miltos Petridis was born in Athens, Greece. Following his early career in Mechanical Engineering and a PhD in Software Engineering and Artificial Intelligence he worked at the University of Greenwich from 1988 to 2011. He founded and led the Centre for Computer and Computational Research at Greenwich conducting research in Artificial Intelligence and Case Based Reasoning and the Centre for Intelligent Business Improvement (CIBI) conducting externally funded Research and Enterprise projects in collaboration with various companies in the areas of Data Mining, Systems and Data Integration, Knowledge Engineering and Enterprise Software Engineering. In 2001 he became Head of the Department of Computer Science at Greenwich, a position he held until he left in 2011 which involved extensive curriculum development and involvement in the teaching and QA of u/g and p/g programmes in Computing.

In 2011 Miltos joined the University of Brighton as Head of the School of Computing, Engineering and Mathematics. At Brighton he continues his Research and Enterprise collaborations through the Knowledge Engineering research group that he founded at Brighton.

His current research and enterprise activities concentrate on applications of Data Mining and Case-Based Reasoning on “Big Data” and structurally complex data including Temporal, Spatial, Workflow and Social Networking application data. He is the author of over 100 peer-reviewed publications, editor of various conference and workshop proceedings and Journal guest editor. He has successfully supervised 14 PhD students.

Miltos has been the membership secretary of the Specialist Group in Artificial Intelligence of the British Computer Society since 2006, and he has been a chair at the BCS SGAI international Annual conference series (AI-20XX) since 2007. Miltos has been attending actively the CPHC annual conferences since 2004 and contributing to the debate in the professional community. He is also a member of the Engineering Professors Council.

Statement

I feel that in recent times our community and the CPHC have managed to be recognised as a strong voice on issues relating to our subject. Recent achievements, such as the recognition of the value of CS education at Schools and all the work associated with this feat are a testament to the hard work and perseverance over many years of colleagues in the CPHC. At a time of uncertainty and change in both teaching and research in Computing within the HE sector and external changes and pressures coming both from the recent changes at Schools and from the coming of age of Computer Science, more challenges and threats are becoming apparent.

I would like to work with colleagues in the CPHC committee for an inclusive and continuously forward thinking CPHC to face the challenges and opportunities in the next few years through hard work, high quality information based research and collaboration with other bodies.
Nomination for Treasurer

Professor Edmund Robinson, Queen Mary, University of London
School of Electronic Engineering and Computer Science

Brief Biography: I am Professor of Computer Science at Queen Mary University of London, where I am also Head of our Research Group in Theoretical Computer Science.

But I spent much of the past ten years as first Head of School and then Head of the merged School of Electronic Engineering.

I am particularly proud of our achievements during that time. We built up the reputation of our research groups, and massively increased our grant portfolio. We helped lead the development of Queen Mary that has brought it into the Russell Group (something that would have been unthinkable at the start of my term).

In our own school our achievements were largely based on quite simple things: encouraging people to work on projects that might actually matter, and then to persist and learn from initial failure, and finally to carry on when the interesting initial bit had been done. We were one of the first departments to take outreach seriously, and I underwrote the early issues of cs4fn from our departmental resources. We helped quite a lot of people build successful careers... or develop them further.

My own research is in category theory and logic, and is very much at the theoretical end of the spectrum. During the course of my career I’ve taught courses across large swathes of the standard Computer Science curriculum, and as well as being Head of Department, I’ve been both Director of Studies and Senior Tutor.

I began my academic career as a mathematician at Cambridge, before moving to Edinburgh Computer Science for a pivotal year during which I started to learn how the mathematics and logic I had seen at Cambridge could be put to good use. After that I moved around quite a bit, spending time back in Cambridge, then a couple of years in Canada and rather more at Sussex before being offered a chair at Queen Mary.

Candidate Statement: Over the next few years the academic Computer Science community will face some real challenges. Some of them will come from pressures on the University sector as a whole, as they feed through onto a discipline that does not always attract the best-qualified applicants, and does not have the best of records in retention and employability. It is often cheaper and easier to take students with better paper qualifications in the arts area. We will all need our own take on figures to respond to our institutions.

At the same time, Computer Science is vital for the future. The one-line summary of the country’s economic strategy is to be doing the smarter more valuable stuff. All of that involves computing. So a strong computing sector is vital to being able to deliver on that and ultimately pay all of our pensions. Universities are undoubtedly the main engine for keeping us at the forefront. We need to make the case and get people to understand this. And they need to understand that all of our universities are contributing. We may have international superstars, but, just as in all sorts of international sport, there are plenty around capable of raising their game to the same level. We have more than the odd superstar. We have great strength in depth.
COUNCIL OF PROFESSORS AND HEADS OF COMPUTING
C/o BCS, First Floor, Block D, North Star House,
North Star Avenue, Swindon SN2 1FA

17 March 2014

Treasurer’s Report

Balance of account
The net assets figure currently stands at £108,411 and a net surplus is currently £7,166.

Outstanding Income
9 more institutions with outstanding subscriptions need to be chased. Their outstanding fees are £3,338. Additionally there is still backdated outstanding amount of £677.

Payments
£600 for PICTFOR membership has now been paid. Payment of £1980 for membership renewal with Digital Policy Alliance (EURIM) has also been made.

Miscellaneous
A fully signed copy of the CPHC 2012-2013 Annual Accounts has been received early February. No matters have come to the Independent Examiner’s attention. The report is available on request.

Carsten Maple
Treasurer
## Council of Professors and Heads of Computing

(Registered Charity number 803000)

### Income and Expenditure

**Year to 30th June 2014**

<table>
<thead>
<tr>
<th></th>
<th>2013/14 £</th>
<th>2012/13 £</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>From charitable trading:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Subscriptions (this years)</td>
<td>41,473</td>
<td>41,581</td>
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<tr>
<td>- Conference</td>
<td>4,250</td>
<td>40</td>
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<tr>
<td>- Mics</td>
<td>1,483</td>
<td>13</td>
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<tr>
<td>- CAS Initiative</td>
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<td>3,750</td>
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<td></td>
<td>48,206</td>
<td>45,383</td>
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<td>From assets:</td>
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<td>Investment income:</td>
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<tr>
<td>Bank interest</td>
<td>58</td>
<td>70</td>
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<td></td>
<td>58</td>
<td>70</td>
</tr>
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<td></td>
<td>58</td>
<td>70</td>
</tr>
<tr>
<td>Total Income</td>
<td>48,264</td>
<td>45,453</td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
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<tr>
<td>Charitable activity direct expenditure:</td>
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<td></td>
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<tr>
<td>- Travel expenses and cost of meetings</td>
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<td>6,220</td>
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<td>- Learning Development Group meetings</td>
<td>0</td>
<td>1,175</td>
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<td>- Subscriptions to other bodies</td>
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<td>2,879</td>
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<td></td>
<td>4,227</td>
<td>10,273</td>
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<td>Other expenditure:</td>
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<tr>
<td>- Administrative costs</td>
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<td>19,371</td>
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<tr>
<td>- Independent examiner's fee</td>
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<td>- Other meetings</td>
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<td>- Conference</td>
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<td>9,531</td>
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<td>- Miscellaneous</td>
<td>24,269</td>
<td>287</td>
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<tr>
<td>- Computing At Schools Funding</td>
<td>0</td>
<td>1,000</td>
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<tr>
<td>- Consulting</td>
<td>0</td>
<td>-49</td>
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<tr>
<td></td>
<td>36,871</td>
<td>32,623</td>
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<tr>
<td>Total Expenditure</td>
<td>41,098</td>
<td>42,896</td>
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<tr>
<td><strong>Net Surplus/(Deficit)</strong></td>
<td>7,166</td>
<td>2,556</td>
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</tbody>
</table>
## Council of Professors and Heads of Computing
(Registered Charity number 803000)

### Balance Sheet
**As at 30th June 2014**

<table>
<thead>
<tr>
<th></th>
<th>2013/14</th>
<th>2012/13</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Royal Bank of Scotland PLC</td>
<td>106,533</td>
<td>108,377</td>
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<tr>
<td>Subscriptions due</td>
<td>677</td>
<td>3,867</td>
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<tr>
<td>Conference due</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Miscellaneous Income</td>
<td>1,201</td>
<td>1,201</td>
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<tr>
<td>Creditors</td>
<td>0</td>
<td>-8,144</td>
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<tr>
<td><strong>Net Assets</strong></td>
<td>108,411</td>
<td>105,301</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Funds</strong></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Funds</td>
<td>112,467</td>
<td>105,301</td>
</tr>
<tr>
<td><strong>Total Funds</strong></td>
<td>112,467</td>
<td>105,301</td>
</tr>
</tbody>
</table>
Learning Development Group Report 2014

This year LDG concluded the Working Group on a disciplinary-specific Student Survey, and started a new group working with the revision of the QAA Subject Benchmark Statement, acting as liaison with the CPHC community, both for input and comment.

Sally Fincher

April 2014
Information Group Report

The Information Group has established a procedure to prepare responses to consultations. A number of responses have been prepared in the last year, but decisions have been made from time to time not to respond to a consultation. This is due to a number of facts, including that CPHC comprises a range of institutions and sometimes a single-voice response is not possible or appropriate. Other times, either it is not something that CPHC directly respond upon or CPHC will choose to provide a joint response with other bodies such as UKCRC and BCS. One such example is the response to the consultation on open access.

Responses have been prepared this year to the following requests/publications:

- National Occupational Standards for Information Security
- An article by Rohan Silva in the Observer
- House of Lords select committee on immigration and its impact on HE.

More government departments are becoming aware of CPHC and as such we are starting to attract requests for responses to initiatives and consultations. We have been requested to give opinion on the new Cyber Security Skills Strategy for example and are preparing a response. Information Group also remains in contact with BCS and UKCRC to ensure awareness of response opportunities and to coordinate responses where appropriate. The Chair also occasionally receives details of responses the IET is considering responding to, and will bring any pertinent opportunities to the attention of committee.

Carsten Maple
Chair of Information Group
COUNCIL OF HEADS OF COMPUTING IN WALES


The Council of Heads of Computing in Wales/Cyngor Penaethiaid Cyfrifiadura Cymru (CPCC) provides a forum for those engaged in managing Computing research and teaching in Welsh Higher Education.

Members

Aberystwyth University
Bangor University
Cardiff University
Cardiff Metropolitan University
Glyndwr University
Swansea University
University of South Wales
Swansea Metropolitan University of Wales Trinity St David

Currently, the CPCC holds three face-to-face meetings around Wales per year although this system is now being revised. (See below)

1. Ongoing Activity

An exercise is currently in progress to collect data to determine approximately how many Computing/Computer Science staff and students CPCC represents in Wales across all institutions. An audit of facilities is also being conducted.

2. Welsh HE Issues (University structures, policies, etc.)

Many Welsh Universities have already progressed through significant internal restructuring exercises this year and some are about to embark on such a process so a degree of uncertainty remains. Although the general (national) structure of Welsh universities appears - for the time being at least – stable (see above), there remains general unease regarding the situation in which Welsh students find themselves and the current policy of Welsh Government to allow its funding support for Welsh students to be taken over the border to English universities.

3. Other Welsh Issues (Schools, Industry, HPCW, etc.)

HPC Wales:

After a slow start, the HPC Wales bursaries programme for university programmes and modules appears to be flourishing. A number of examples can be offered. Cardiff Metropolitan University is running an HPC module, which HPCW are helping to deliver. Bangor University has approximately
40 students on an equivalent module, with HPCW assisting with the lab work. Glyndwr University is offering a complete Masters programme in HPC. Bursaries are available of £300 (per student) for an undergraduate module, £500 for a postgraduate module and £2000 for a PhD, although the award is only payable through the university (not directly to the student) and only for students who will complete their awards by the end of the project - summer 2015. It is also noted that the HPC Wales CEO has moved on from the position.

Schools:

There has been considerable recent discussion of the English "Network of Excellence" and its applicability in Wales. The CPCC chair (Vic Grout) had contacted the NoE organiser with a view to establishing exactly what support was available in Wales (as opposed to England) and the situation appeared somewhat complex. However, although the NoE is officially an English venture, there are areas in which Welsh universities (and schools and colleges) are able to apply for and benefit from similar funding streams and initiatives. It should be noted, however, that certain types of funding - European or Welsh government - may only apply to the currently established "Convergence Zone". Most Welsh universities now seem to be fairly active in their engagement with schools, colleges and teachers. Bangor University, for example is working closely with teachers in north-west Wales and Glyndwr University has an established Postgraduate Certificate in Computing aimed specifically at school teachers looking to make the transition from schools’ IT provision to Computing and Computer Science.

4. CPCC Administration

The question has been raised this year as to whether CPCC would benefit from its own website. Although it is recognised that it probably would, this is not seen as a high priority.

It has been agreed in principle to restructure/reformat CPCC meetings. Currently meetings are held three times a year in various locations around Wales. This is not always particularly convenient and attendance can be poor at certain times of year and in certain locations. It has been agreed that it will be appropriate, and more effective/efficient, to hold virtual meetings at certain times of year, with a single face-to-face meeting - in the form of an AGM - held in Cardiff once a year. To compensate for the reduction in conventional meetings, it is suggested that a less formal face-to-face meeting could be held for delegates attending the National CPHC conference (wherever the National CPHC conference was located). The provisional annual structure is suggested as:

- **Early-Mid January**: Virtual Meeting (Welsh Videoconferencing facility, Skype, etc.)
- **Early-Mid April**: Meeting of Welsh Delegates at National CPHC AGM/Conference*
- **Early-Mid July**: Virtual Meeting (Welsh Videoconferencing facility, Skype, etc.)
- **Early-Mid October**: Face-to-Face Meeting in Cardiff (‘CPCC AGM’)

*This year: 7th April, Loughborough, in the morning while the informal ‘New Heads of Computing’ workshop is taking place

The proposal has been circulated to the CPCC membership to ask for opinions. No negative comments have been received.

**Vic Grout, 10th March 2014**
Scottish Report to CPHC Committee 17 March 2014

Skills Investment Plan for Scotland’s ICT & Digital Technologies Sector

On the 11th March the Skills Investment Plan was launched along with a commitment from the Scottish Government of over £6m investment, designed to address the shortage of skilled IT professionals across Scotland. Recommendations include encouraging more applications for CS university places and student placements. It was launched during Make Young People Your Business in Digital Technology week (see http://www.ourskillsforce.co.uk/recruit/make-young-people-your-business/ and http://news.scotland.gov.uk/News/-6-6m-for-digital-Scotland-a3c.aspx).

The Scottish Informatics and Computer Science Alliance

SICSA, our collaboration of Scottish Universities around Informatics and Computer Science research and education, are holding their 6th annual PhD conference at the University of St Andrews University in June. Aimed to bring research to industry and potential investors, DEMOFest was held in Glasgow in November with DEMOFest North in Aberdeen in February 2014.

e-Placement Scotland

Funded by the Scottish Funding Council, e-Placement Scotland is a Scotland-wide computing placement project which is now in its fourth year. The project has created over 800 paid placements across Scotland and has just produced a placement landscape report detailing all computing placement schemes offered by Scottish universities. Please contact s.smith@napier.ac.uk for a copy.

Sally Smith  18/3/14
Annual Report to CPHC
March 2014
J Sventek, Chair of UKCRC Executive Committee

Strategy and Governance
The primary strategy initiative during the past year has been to continue to informally engage with the EPSRC ICT team on a number of research funding activities of importance to the UK computing research community. These are described in the Research Funding and Policy section below.

The primary governance initiative has been to conduct a virtual Annual General Meeting. This approach significantly increased participation in the AGM, but at the expense of interactivity. We are exploring the use of synchronous conferencing tools, such as Cisco WebEx; we are currently investigating our ability to leverage EPSRC and/or BSC/IET WebEx subscriptions.

Research Funding and Policy
Elected members of the UKCRC Executive Committee continue to meet with the EPSRC ICT team to informally discuss the Shaping Capability activity. UKCRC feels that this constructive dialogue positively benefits the UK computing research community.

UKCRC continues to monitor the activities leading up to Horizon 2020. As this programme moves forward, we will advise the membership of particular opportunities that are of UK importance.

Membership
The membership of the UKCRC has grown slowly during the year, increasing by approximately 3 members.

The Executive Committee and Membership Committee continue to actively recruit new members of UKCRC. We continue to enumerate any FRS’s, FREng’s, FRSE’s, programme grant holders, and other eminent computer scientists with a stake in UK Computing Research that are not yet UKCRC members and encourage them to apply for membership.

Consultations and Submissions
In the past year, UKCRC has responded to the following consultations:

1. **BIS inquiry into Government’s Open Access** (http://www.ukcrc.org.uk/resources/reports/2013-01.cfm)
2. **HEFCE Call for advice on open access** (http://www.ukcrc.org.uk/resources/reports/2013-02.cfm)
3. **DCMS Call for Classifying and Measuring the Creative Industries** (http://www.ukcrc.org.uk/resources/reports/2013-03.cfm)
4. Royal Society Call for evidence on cyber-security
   (http://www.ukcrc.org.uk/resources/reports/2013-04.cfm)

5. House of Lords Science and Technology Committee study into the effect that immigration rules may be having on international students
   (http://www.ukcrc.org.uk/resources/reports/2014-01.cfm)