

BCS Member Group Chair's Report

Member Group Name:	BCS Hampshire Branch
Year:	2023 for year 2022/2023
Report Completed By:	Margaret Ross

Group Chair:	Margaret Ross
Group Treasurer:	Paul Jenkins
Group Secretary:	Geoff Staples
Group Inclusion Officer:	Neville Palmer
Group Early Career Officer:	David Braines
Other Committee Members:	Nina Bishop-Bolt, Ivan Carter, Dave Locke, Nick Whitelegg

We were sorry to report the death of Jack Nisbet , our excellent Treasurer for many years

The Chair's Report is a vital communication tool for the BCS Community Team to understand and support your activity as a group. The Programme, Practice, and Policy (PPP) Committee will review your submitted report, and suitable action points fed into the Community Board for strategic planning. As one of the critical communication points with our members, your completion of this report supports not only your group but ongoing support and development of other member groups and the BCS itself

Successes

Please list the top three successes the group has achieved in the past year.

Success	Additional Comments
1. The 38 webinars during 2022/2023,	<p>26 online presentations, during 2022/2023, many with other BCS groups, the IET and WCIT – Presentations from Australia, Japan, India, Norway, USA and UK., Diversity was shown by the range of presenters, the majority were recorded, included:</p> <p>Tidal energy - perpetual green power from the sea - Rear Admiral RP Stevens CB, Chairman of Perpetuus Tidal Energy Centre Limited</p> <p>Living within our means – Recycling the Datacentre- Anders Bech Jensen, Alexander Bardell and John Booth</p> <p>How computing has helped to lead the way to the Red Planet , then Hants AGM, speaker Dr Rebecca Canning, Senior Lecturer at the Institute of Cosmology and Gravitation, University of Portsmouth,</p> <p>Let's just stop writing requirements, we can't write them properly anyhow - Dr Joseph Kasse from Australia</p> <p>Using Artificial Intelligence in addressing cybersecurity skills shortage, by Dr. Syed Naqvi, is a Principal Lecturer, Liverpool John Moores University</p> <p>Behind the scenes at the Games at Work dot Biz podcast, with speakers form the UK and US,</p> <p>Virtual Production: The rise of a global innovation opportunity for the UK By Dr Xiewen Xu , Bournemouth University,</p> <p>AI-powered automation - Mayflower Autonomous Ship, by Andy Stanford-Clark - Innovation Leader at IBM and Brett Phaneuf - Founder and Chief Executive of Submergence Group LLC (USA) / M Subs Ltd (UK),</p> <p>Is the digital forensic tool user interface broken? - Danny Werb</p> <p>If human behaviour is badly affecting our work, what can we do about it? Niels Malotaux from Japan,</p> <p>Automation of digital crime investigation using Reinforcement Learning (RL), Dr Mohamed Chahine Ghanem, London Metropolitan University</p>

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	<p>Mechanical Horse Simulator for Competitive Horse Riding Amy Robbins, Sparsholt College</p> <p>Communication in the Social M*taverse and Phantom Touch in VR, Sasha Alexdottir Bournemouth University</p> <p>Global Recycling Day: E-waste - challenges, opportunities and future trends, by Scott Butler - Executive Director at Material Focus</p> <p>Two major misconceptions of systems thinking exposed, by Dr Joseph Kasser from Australia and Bruce Lerner from USA</p> <p>What your washing machine says about you: Investigating unusual devices, Sarah Morris, Professor of Digital Forensics, University of Southampton,</p> <p>How computer power is aiding fusion power, by James Buchanan, United Kingdom Atomic Energy Authority,</p> <p>How does your digital data footprint contribute to environmental impact?, by Professor Tom Jackson , Professor Ian Hodgkinson, Loughborough University</p> <p>Bring your heritage site to life blending mixed reality and immersive theatre, by Dr Mariza Dima, Dr Damon Daylamani-Zad , Brunel University</p> <p>Operation Poppins: An immersive interactive case study driven approach, Sarah Morris, Professor of Digital Forensics, University of Southampton,</p> <p>Early Career related events:</p> <p>AI Education & Bridging the Gender Gap in AI, by Supriya Bhuwalka, presented from India,</p> <p>Are we preparing our students for real-world digital forensics? Damola Lawal , Greenwich University,</p> <p>Inclusion events:</p> <p>Diversity is actively encouraged – with a third female presenters</p> <p>Using technology to address the digital divide for the visually impaired, by Kris Gibson, Southampton Sight, the speaker is himself blind</p> <p>How we can fight the cost of living crisis using technology, with Sara Weller, NED for The Money & Pensions Service, BT and Virgin Money, Matt Adam, CEO We Are Digital, Leigh Smyth, Digital Poverty Alliance Community Board Chair, Ren Hooi, Founder and CEO Lightning Reach</p> <p>Technology and Homelessness by Jason Scott-Taggart, WCIT and Sean Sadler, WCIT & BCS,</p> <p>Digital participation for all. What we can do to support older people - Leela Damodaran,</p>
2. University and School prizes,	Prizes for the best Final year students at Southampton University, Solent University and Portsmouth University, and for best male and female students at 6 th Forms/FE colleges.
3. Career events	Various events in Hampshire and isle of Wight, including remote presentations relevant to teachers and their students.

Plans

Please list the top three activities the group is planning for next year.

Planned Activity	Additional Comments
1. Additional webinar events and maybe physical events and visits, if possible	<p>Webinars for 2023/24 planned, included future webinars from Overseas:</p> <p>#Joiningthedots to close the digital divide for the visually impaired</p> <p>Game Tech – Make your game playable by millions</p> <p>The Genie is Out of the Bottle, (about ChatGPT</p> <p>Using hydrogen from the sea to power ships and planes</p> <p>Delivering Cyber Education in HEI,</p> <p>Generative AI and Metaverse what a powerful combination!</p> <p>Reviews and Inspections used in various ways</p> <p>Preparing children for artificial intelligence</p> <p>AI driving force of Cyber Security,</p>
2. Networking events, either face to face, with	<p>Try Zoom's interactive capabilities, with Break-out rooms,</p> <p>Additional online events with break-out rooms as networking events.</p> <p>Subject to the virus situation, both physical networking events and visits, including two planned visits to simulation systems in Hampshire.</p>

break-out rooms and visits	
3. University and School prizes, and Career events	To continue with the prizes for the best Final year students at Southampton University, Solent University and Portsmouth University, and for best male and female students at 6 th Forms/FE colleges Subject to the virus situation, to hold the rescheduled 3D printing competition student and to continue with the Involvement with career events in Hampshire and Isle of Wight.

Impediments

Please list and describe the top three impediments stopping you from succeeding in your group's ambition and support the BCS vision of "Making IT Good for Society."

Impediment	Description
1. Issues related to the Virus	Issues with limitation of events and visits as of past years, held in various universities and organisations
2. Need to postpone our Student Hampshire Branch 3D printing competition, and various physical career events	Our competitions, scheduled for Spring 2021 /2/3 had to be postponed, as the students needed to be physically at the education establishments to access the 3D printers – sponsors agreed support for 2023/4
3. Problems in obtaining in obtaining permission to purchase a dedicated cheap laptop for use at Career event . Also we need help in publicising events to teachers to join webinars, and for their students to participate in the 3d Competition	We need a laptop , rather than having to take a committee's members laptop, to be able to show our very effective 3D interactive animation at the career conventions, which were usually the most popular stand. We would like support with our 3D printing competitions, which we had to postpone, with both an international specialist judge from US and sponsorship from IBM previously organised. We need to find an efficient means of reaching the appropriate teacher/lecturer in schools and universities in the UK and overseas. We would like teachers to join in the webinars, – we would also like to reach the home educated children

Additional Facts and Figures

Please provide any facts and figures you think would be useful to the Community Team for further analysis and future activity planning.

The Hampshire Branch membership is 2,071 (previously 1,990), and has held 26 webinars , in 2022/2023 sometimes with speakers from overseas, often jointly with other BCS Groups.
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Further Comments

If you have any further comments you wish to provide the Community Team; please give them below.

We wish to hold more webinars, with speakers from the UK and overseas, and widen considerably the participation in these events, so would like **help with BCS publicity within and beyond the BCS members.**

When physical events are more widely resumed, we would like physical events and visits, and events that can be accessed remotely and recorded, as are the current webinars, and would like to organise networking events, both face-2-face and via break-out rooms, and also more physical and online visits

We would like help in reaching teachers, and **using CAS to communicate with them**, particularly for greater involvement with career events

Nominations for Awards and Recognition

It is important that the BCS recognise deserving voluntary service. If you are aware of someone who warrants one of these awards, then please nominate them. It is easy to nominate someone, but, if you are unsure about completing the form, the Community team and your liaison in the Programme, Practice and Policy Committee can help. Please email groups@bcs.uk.

There are three levels of Recognition of Appreciation award:

- Certificate of Appreciation – going beyond the normal expectations of a single voluntary role by directly contributing to significant involvements, achievements or benefits to BCS.
- Meritorious Certificate – going beyond the normal expectations of two or more voluntary roles in different areas of BCS by directly contributing to tangible involvements, achievements or benefits to BCS.
- John Ivinson Award – significantly furthering the BCS's strategic aims and mission on a wide scope of BCS's areas of endeavour by directly contributing significant achievements and benefits to BCS. Typically, the BCS will present this prestigious award to 1-3 volunteers per year.

There are long-service awards for 5, 10, 25, and 30 years of contribution to the BCS.

Volunteer Recognition

Please complete the table below and indicate if you wish to nominate a member of your team for an award of recognition. A member of the Community Team will get in touch to help you complete the process.

Group/Branch Member	Years of BCS Volunteering	Nomination
Ivan Carter	<p>Founder member of the BCS, and active Committee member to date, including a Education Liaison Officer, for over 30 years, up to 2022, and developed close links with career events, in addition to being regular panel for CEng and BCS membership physical interviews, until the BCS process was changed.</p> <p>Separate file provide to support this request</p>	Honorary Fellowship
	We have some other nominations, but are confirming	

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	years of service, and obtaining supportive statements	

Honorary Fellowship

Nominees will have made an outstanding contribution to the charitable objectives of the BCS over an extended period.

The BCS award Honorary Fellowship under Byelaw 8 of the BCS's Royal Charter and Trustee Board Regulation 1.3 specifies that the BCS award may also make the award to non-members who may not be eligible for any other class of membership.

Community Board and Trustee Board will consider a candidate for Honorary Fellowship against the following criteria:

- At any time, both the contribution to BCS's work and the stature of the individual nominated should be commensurate with the standards set by previous recipients. There is no overall limit to the number of Honorary Fellows although it is unlikely that there will be more than two Honorary Fellows elected in any one year.
- To be elected, the nomination must be on the Trustee Board Agenda, and at least 3/4 of those present must resolve in favour.

If you are aware of a nominee for Honorary Fellowship; please add their details below and a member of the Community Team will raise this at the next appropriate meeting of the Community Board.