



THE PERSE  
SCHOOL  
CAMBRIDGE

# Perse Education Conference

22-23 September 2016

*Transforming Education:  
global perspectives and partnerships*

## Welcome

Welcome to The Perse Education Conference 2016. We hope you have an engaging and productive day with us through the formal talks, the discussions held and the contacts made.

### The Perse School

The Perse is Cambridge's oldest surviving secondary, founded in 1615 by Dr Stephen Perse, an academic and physician, who left much of his fortune for the establishment of a free grammar school in his name.

Perse's vision was to transform lives through education. Today the School continues to foster a love of learning and the desire for good. Perse students' academic success is considerable. In 2016, more than 80% of Perse A level entries were A\* or A and The Perse was the top co-ed school in both *The Times* and *The Telegraph* GCSE league tables. While nurturing intellectual curiosity and scholarship, the School also encourages pupils to pursue a broad range of extra-curricular interests and to serve others through The Perse's significant outreach programme and charitable work.

The challenge of educating pupils for a world characterised by unprecedented speed and scale of change is not one to be underestimated. The Perse was one of the founder members of the Strategic Alliance of Global Educators (SAGE), recognising that, increasingly, the challenges pupils face and their solutions are global ones, and that by working together as international leaders we can truly transform our education.

### Bringing global educators together

Founded in 2012, Strategic Alliance of Global Educators (SAGE) unites forward-looking and innovative state and independent schools from around the world, with the aim of bringing educators together to form professional networks that allow wider and deeper sharing of pedagogical ideas, resources and best practices. Every two years, a SAGE partner school hosts a conference of school leaders to share and exchange educational resources and expertise on an international platform.

The Perse is very pleased to be hosting the bi-annual conference of the SAGE group of overseas schools in 2016.

With globalisation and advancement in technology, schools need to nurture students who can work in teams across cultural boundaries, acquire knowledge and form global connections through enhanced networked activities and virtual communities. There is a need to work towards greater synergy, to create a 21st century learning environment for 21st century learners. SAGE firmly believes that the future advancement of education to a new level of excellence will be through the collaborative efforts of global education leaders.

Founding members include Nanyang Girls' High School (Singapore), the High School Affiliated to Fudan University (Shanghai, China), High School Affiliated to Peking University (Beijing, China), the High School Affiliated to Renmin University Xishan (Beijing, China), Shanghai No. 3 Girls' High School (Shanghai, China), Hwa Chong Institution (Singapore), Menlo School (California, USA), School of Science and Technology, Singapore (Singapore), Scotch College Melbourne (Australia) and The Perse School (Cambridge, UK). Further schools have since joined as associate members: Øregård Gymnasium (Denmark) and Oulunkylän Yhteiskoulu (Helsinki), and the Head of Camberwell Grammar (Melbourne) will be attending with a view to her school joining in the future.

The diversity of schools, international and UK based, as well as state and independent, attending the Perse conference will bring a global dimension which is, we think, a 'first' in the UK.

As a part of this 4 day conference, the Perse will also be hosting a one day learning conference *Transforming Education: Global Perspectives and Partnerships*. We are delighted to announce that George Freeman MP will introduce the one day conference, and keynote speakers will be Valerie Hannon and Conrad Wolfram, with Jo Whitehead speaking at the Thursday night welcome dinner.

**LIVE**REGISTER

**CAPITA** |

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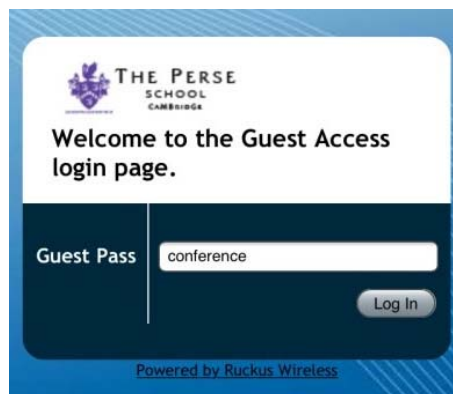
## Key Details

### Wifi Access

WIFI Network: PerseGuest

Password: eagles2016

Once you are connected, please open a webpage via an internet browser. You will be asked to enter in a guest pass code. Please use **conference** as the guest pass. If the page doesn't appear automatically, try browsing to a web page using the full address [www.perse.co.uk](http://www.perse.co.uk)



### Photography

Please do not take any photographs which include any students.

### Site Access

Please remain in the Conference area, the Loft (top floor, and first floor rooms (ICT3, SO10, SO12, SO15) whilst on site.

### Toilets

Please use toilets in the Margaret Stubbs Building and on the first and second floors of The Loft building. There is a disabled toilet next to the Loft. If occupied, a staff member or prefect can show you to alternative facilities.

### Feedback Form

We really would appreciate your feedback on the content and arrangements for the day. We have kept the feedback form brief and simple – please leave in your elective room at the end of the day or hand in to any member of Perse staff. Thank you.

### Delegate Contact Details


If you agreed to share your contact details with other delegates then you will be listed on the enclosed Delegate Contact Sheet.

### Lunch

A vegetarian option is available for those that requested it.

### School Contacts

|   |               |
|---|---------------|
| Lesley-Anne Bryant, Conference Co-ordinator:    | 07801 076 026 |
| Angie Winter, Conference Co-ordinator:          | 07736 779 079 |
| Sarah Richardson, Deputy Head Extra-Curricular: | 07813 325 470 |



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## Thursday Schedule

18.30

Welcome Drinks

Homerton College Bar

19.15

Thursday Keynote

Fellows' Dining Room

Dr Jo Whitehead

19.45

Dinner

Fellows' Dining Room

### Dress code

Dinner: Lounge suit/dress

Conference: Smart casual (relaxed)

### Friday breakfast

Served from 7:30 at Homerton College

### Parking

Please leave your car in the Homerton car park for the Friday conference and collect at the end of the day.

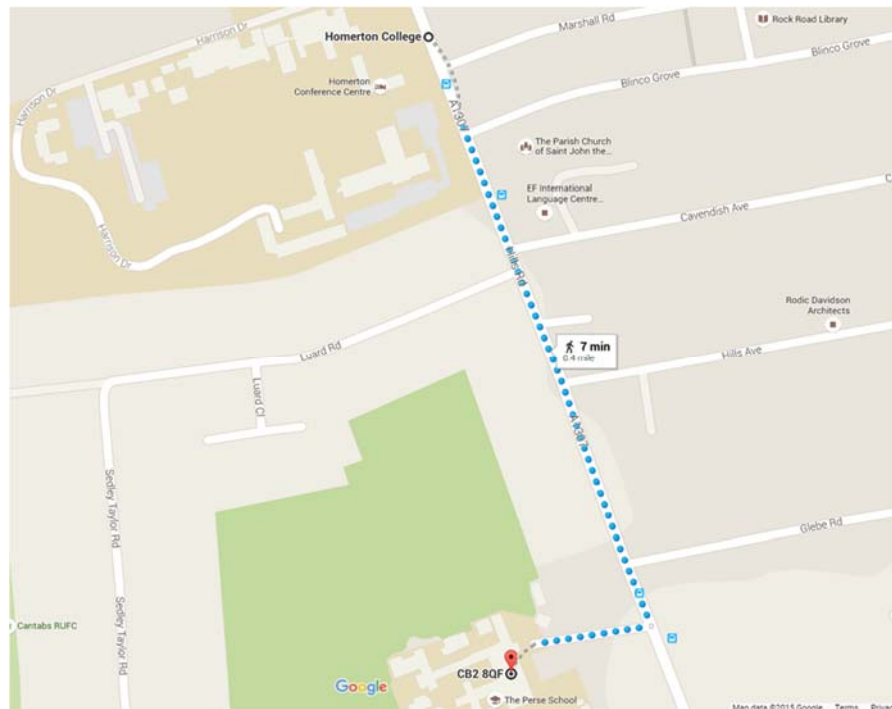
Homerton car park code: 5791

### Check-out

Please leave keys at the Porters' Lodge at Homerton before you walk to the school.

## Directions

### Homerton College to The Perse School



Turn right as you come out of the College and continue along Hills Road for approximately 7 minutes. Turn into the main gate of The Perse School on your right and head on down the drive.

Please join us for tea and coffee from 8.30am in the Margaret Stubbs Building (on the right of the drive - see separate site plan) where you can sign in and collect your delegate lanyard.

From the Margaret Stubbs Building you will be escorted to The Loft in our New Building for the Conference Welcome which begins at 9.15am.

## Friday Schedule

8.30

Refreshments and signing-in

Margaret Stubbs Pavilion

9.15

Welcome—George Freeman MP

Loft

9.30-10.45

Friday Keynote and questions

Loft

Valerie Hannon and Conrad Wolfram

10.45

Refreshments

Loft

11.15-12.15

Elective 1

1st floor

| The Digital Generation  | Global Perspectives                    | Health and Well-Being   |
|---|--|---|
| Room S10  | Room S12                               | Room S15  |
| Dr Steve Hodges   | Valerie Hannon                         | Nick Phillis<br>Iain Henderson  |
| Goals, resources and partnerships for the make-it-digital project | Learning from leaders around the world | Opportunities for coaching in schools; supporting SMT, enhancing CPD and improving pupil performance. |

12.15-13.15

Lunch

Loft



13.15-14.15

Elective 2

Ground and 1st floor

| The Digital Generation   | Global Perspectives                                   | Health and Well-Being   |
|--|---|-------------------------|
| Room ICT3  | Room S12  | Room S15                |
| Carrie-Anne Philbin<br>James Robinson                          | Tim Oates   | Chris Jeffrey           |
| Raspberry Pi in education:<br>update and practical<br>workshop | How to draw lessons from<br>international comparisons | Pupil well-being issues |

14.15

Refreshments

Loft

14.30-15.30

Elective 3

1st floor

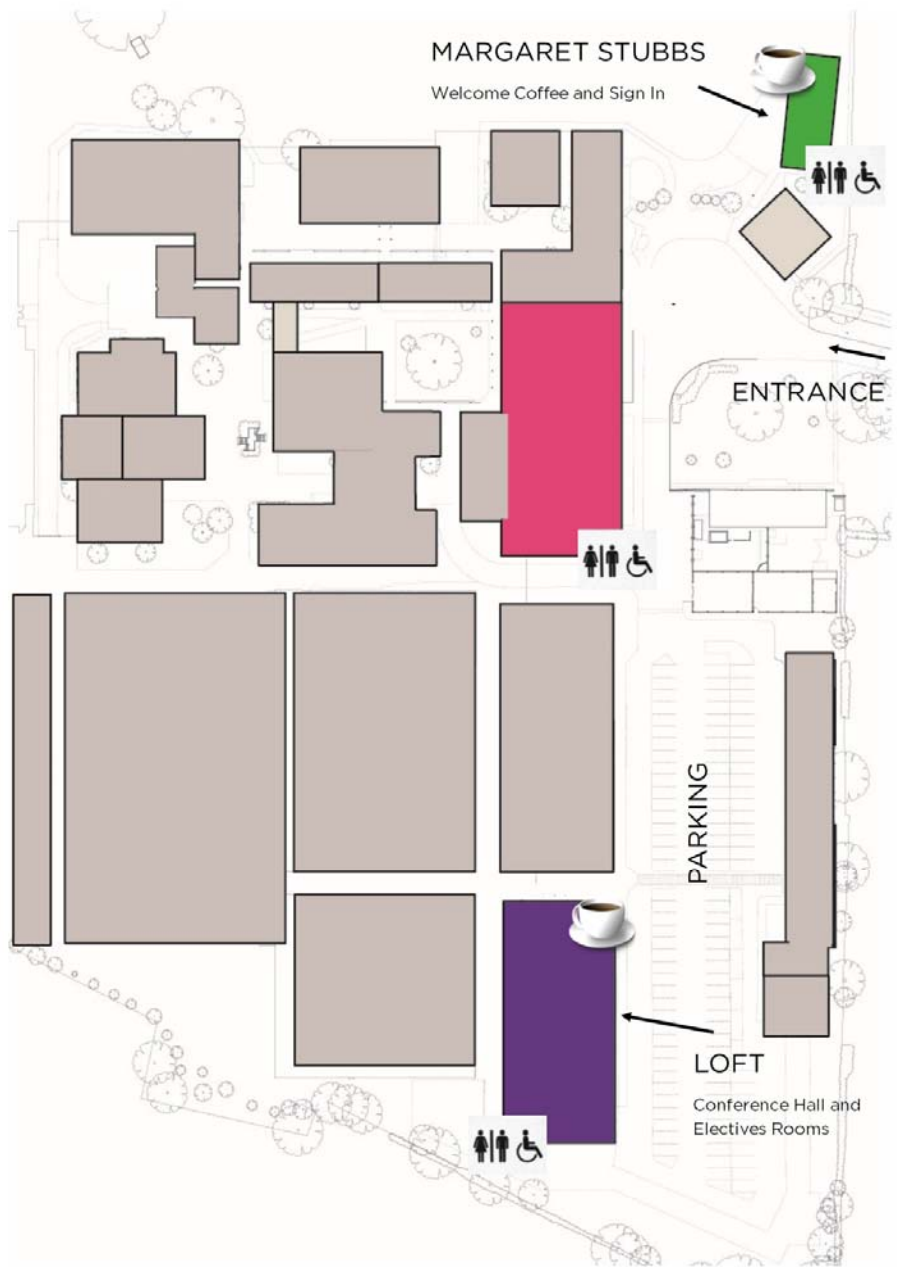
| The Digital Generation  | Global Perspectives   | Health and Well-Being   |
|---|---|---|
| Room S10  | Room S12  | Room S15  |
| Andrew Griggs<br>Prodigy Learning   | Heads' Panel<br>Ed Elliott<br>Debbie Dunwoody<br>Mdm Boey Hong Heng   | Natasha Devon MBE<br>The Self Esteem Team   |
| Aren't ICT skills still im-<br>portant?<br>Strategies for tight<br>curriculum time inc. The<br>Perse approach & Certiport<br>certification. | Headship east, west and<br>down under.<br><br>The challenges facing 21 <sup>st</sup><br>century schools and their<br>leaders. | Discussing three mental<br>health tips easily<br>incorporated into a school<br>day, providing a solid basis<br>for mental health. |

15.30

Tea & croquet/signing out

Margaret Stubbs Pavilion

Site Map



## Keynote Speakers

**Dr. Jo Whitehead** is a Director of the Ashridge Strategic Management Centre, and has published books on corporate strategy, business strategy and decision making. He teaches on executive strategy courses at Ashridge and London Business School, and provides executive education and consulting support to a number of major and mid-sized European companies. He is the author of a number of books, including *Think Again: Why Good Leaders Make Bad Decisions and How to Keep it from Happening to You*, in 2009. Previously he was a Vice President and Director of the Boston Consulting Group, where he worked for 20 years in the UK and US. Jo is Vice-Chairman of Cambridge University Musical Society as well as the founder of the England over 40's and over 45's Touch Rugby team.



**George Freeman** is Member of Parliament for Mid Norfolk, former UK Minister for Life Sciences at the Department of Health under David Cameron and Chair of the Prime Minister's Policy Board under Theresa May from July 2016. George was first elected to Parliament in May 2010 after a 15 year career in and around the Cambridge cluster supporting high growth businesses. He was re-elected in 2015 with an increased majority of 17,000. During his time in Parliament, he has served as PPS to the Minister for Climate Change, Chairman of the All-Party Parliamentary Group on Science & Technology in Agriculture, a UK Trade Envoy and Government Adviser on Life Sciences to the Minister of State for Universities and Science. In July 2014, he was appointed as the first ever UK Minister for Life Sciences at the Department of Health (DH) and the Department of Business, Innovation and Skills (BIS) in charge of the £15bn NHS drugs budget, digital health and data, the Life Sciences and Agri-Tech Industrial Strategies, genomics, industry engagement and NHS R&D.



**Valerie Hannon** was Director of Education for Derbyshire. She became a founding Director of the Innovation Unit, and now sits on the Board. She is now an established thought leader in the field of education innovation and a founding member and Co-Chair of the Global Education Leaders Partnership [www.gelponline.org](http://www.gelponline.org) supporting jurisdictions



globally to scale their innovation and transform their systems. Valerie is senior consultant to the OECD Innovative Learning Environments programme, and a regular contributor and adviser to the World Summit on Innovation in Education (WISE). Valerie's books include *Learning A Living: radical innovation in education for work* (Bloomsbury, 2012); and *Redesigning Education: shaping learning systems around the globe* (Booktrope, May 2013). Recent publications include: *What is Learning For?* European Journal of Education Vol 50 (Jan 2015); *Creative Public Leadership: How School System, Leaders Can Create the Conditions for System-wide Innovation*, WISE/RSA 2016; *Personalisation and Globalisation: three paradoxes facing educators*. CSE Melbourne, 2016.

**Conrad Wolfram**, physicist, mathematician and technologist, is strategic director and European co-founder/CEO of the Wolfram group of companies. Described as the place where "Computation meets Knowledge" and "The Math Company", the Wolfram Group specializes in pushing boundaries at the intersection of computation, data science,



maths, and knowledge, including making Mathematica software, the Wolfram|Alpha knowledge engine (powering knowledge answers for Apple's Siri), the Computable Document Format (CDF) standard and Wolfram Language. All Wolfram technology is now being hybridised to the cloud, including providing private computation cloud installations. Conrad is also a leading advocate for a fundamental shift of maths education to be computer-based, and founded [computerbasedmath.org](http://computerbasedmath.org) (CBM) to drive implementation of the change. The movement is now a worldwide force in re-engineering the STEM curriculum with early projects in Estonia, Sweden and across Africa. Conrad regularly appears in the media and as a keynote speaker on subjects ranging from the future of the web to 21st century education. He holds degrees in natural sciences and maths from the University of Cambridge, UK.

**Dr Steve Hodges** is Principal Researcher at Microsoft Research (MSR) Cambridge, managing the Sensors and Devices group. His research spans a broad range of technologies within the themes of ubiquitous computing, interaction and embedded devices. His group aims to deliver compelling new user experiences, with the ultimate goal being to understand better how advances in technology will impact traditional computing and the ways in which people use and interact with computing devices. One of his current focusses is how embedded devices, like the BBC micro:bit, can inspire and motivate school students to engage with computer science.



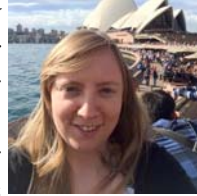
**Nick Phillis** has experience of leadership at The King's School Canterbury where he was Senior Housemaster. He is a qualified executive coach and currently works in the City, in the education sector – where he leads the coaching for personal development at The King's School – and with 18 to 30 year olds. Nick works for Longbow Future, a company that coaches people through career transition issues. Throughout his 30 years in education he has taken a coaching approach to all pastoral work, whether with staff or pupils. Nick believes that coaching is empowering, helping both staff and pupils increase independence and self-awareness and develop professionally and personally.



**Iain Henderson** is Deputy Head at Wellington College. He has taught in both the state and independent sectors and held leadership positions across the school as Head of Year, Housemaster and Assistant Head. He believes strongly in the power of coaching to unlock potential in people and to enable them to grow in self-awareness and self-sufficiency. For the past 4 years, he has been building and embedding a coaching culture at Wellington and across its international and UK-based partner schools. This coaching is now widely used in the leadership and management of staff, performance development and career progression.



**Carrie Anne Philbin** is Director of Education at the Raspberry Pi Foundation and an award winning computing teacher and author of 'Adventures in Raspberry Pi' a physical computing book for teenagers wanting to get started with Raspberry Pi, Programming, and Digital Making. She is also the creator of a YouTube series for teenage girls called Geek Gurl Diaries. Episodes include interviews with women working in technology and hands-on computer science -based tutorials. Carrie Anne is Chair of the Computing at Schools diversity and inclusion initiative 'CAS #Include', a CAS Board member, and a director of the Python Software Foundation.



**James Robinson** is an experienced cross phase Computer Science Teacher and has worked with CAS training educators to deliver computing lessons in schools. He now works for the Raspberry Pi Foundation creating learning resources and supporting their education mission through teacher training and outreach. James also currently leads the Skycademy project, which seeks to empower educators to launch their own near space missions with their students using low cost hardware.



**Tim Oates** is Group Director of Assessment Research and Development at Cambridge Assessment, a large non-teaching department of Cambridge University. He focusses on national and international research on assessment, measurement and curriculum. From 2010 to 2013, he was chair of the Expert Panel for Review of the National Curriculum in England. He has published widely on assessment and international comparisons. He has been a long-standing member of OFQUAL's standards advisory group and is a current member of Ofqual's vocational qualifications group. Tim routinely provides briefings and advice to UK and other governments. He is Fellow of Churchill College Cambridge.



**Chris Jeffery** has just been appointed as Head Bootham School, after being Head at The Grange. Previously Deputy Head and Head of Middle School at The Perse School in Cambridge and before that Housemaster and History teacher at Bristol Grammar School, he is particularly interested in issues of pupil and staff well-being and welfare, as well as fashioning an education that equips pupils to thrive in the future, not that serves the current exam system. Chris chairs the HMC Wellbeing Working Group.



**Andrew Griggs** is UK Country Manager at Prodigy Learning, a multi-award winning provider of IT learning and certification solutions for Adobe, Autodesk, Microsoft and other technologies, which has recently been crowned Certiport Global Partner of the Year 2016. These IT certifications deliver job-ready skills, improving employability for students and productivity for employees. As the Certiport Solution Provider for the UK & Ireland, Prodigy is responsible for managing the Adobe Certified Associate (ACA), Autodesk Certified User (ACU), Autodesk Certified Professional (ACP), Microsoft Office Specialist (MOS) and Microsoft Technology Associate (MTA) training and certification programmes. Learning solutions supporting these certifications include Textbooks, Online Learning Software, Practice Tests and Certification Exams. This range includes products from partners such as CCI Learning, GMetrix, LearnKey, MeasureUp, Microsoft Press and Wiley. Andrew Griggs has 9 years' experience in the IT Learning and Certification sector.



**Natasha Devon** is an author, columnist and television pundit recently appointed as the government's first Mental Health Tsar. She has co-authored a number of best-selling books (many centred around food, exercise and body image) in collaboration with scientists, psychologists and celebrities. She writes regularly for the Telegraph & Independent Online and The Sun newspaper and is a columnist for Cosmopolitan Magazine. She is a body image expert for BBC Breakfast, Sky News and ITV's Daybreak and was one of Gok Wan's body confidence mentors for the channel 4 series 'Gok's Teens: The Naked Truth'. Natasha works alongside the All Parties Parliamentary Group on Body Image, specifically reporting on the issues faced by 14-18 year olds. Natasha's book 'Fundamentals: A Guide for Parents & Teachers on Mental Health & Self-Esteem' was published in January 2015. She has also gone on to personally work with in-excess of 30,000 students from throughout the UK and to create the award-winning Body Gossip Education Programme.





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