



International Digital Education Symposium 2017

City Campus Tuesday 3rd October

#cogcdigisymp

Welcome



I'd like to extend a warm welcome to City of Glasgow College's International Digital Education Symposium and to our spectacular City campus. This state of the art facility is the larger of our twin site college estate which is designed for 40,000 students and now proudly standing tall in the heart of Glasgow's Learning Quarter.

We are honoured to have some of the most influential industry leaders and eminent academics from across the education and digital technology sectors joining us to take part in this, our second Education Symposium, following a highly successful launch last year.

The focus for this year is on digital learning and the student experience. We will explore the impact of the unprecedented pace of technological change on learning and the future employability of our students.

City of Glasgow College has embraced digital disruption with new 4.0 teaching practices which are ushering in exciting new pedagogies. As new technology presents opportunities to boost social

mobility and improved access, we ensure that our curriculum is innovative and responsive to the growing demand for science, technology, engineering and digital skills. Importantly, that is matched with a focus on developing essential soft skills such as problem solving and creativity – vital to securing a future job, many of which do not yet exist.

This valuable Digital Education Symposium provides us with an opportunity to discuss and debate the challenges ahead and how tertiary education in particular offers an inclusive learning pathway as well as a pipeline of digital talent to meet the UK's economic needs and lifelong learning for the many, not the few.

I look forward to what will no doubt be a stimulating and thought provoking symposium and to meeting you in person over the course of the day.

*Paul Little, Principal & Chief Executive,
City of Glasgow College*

Agenda

0900 - 0930	Registration
0930 - 0950	Chair's welcome and introduction - Paul Little, Principal and Chief Executive, City of Glasgow College
0950 - 1005	Polly Purvis, Chief Executive, ScotlandIS <i>Addressing the tech industry skills needs</i>
1005 - 1020	Gillian Docherty, Chief Executive, The Data Lab <i>Turning vision into action and growing talent</i>
1020 - 1035	Caroline Stuart, Non-Executive Director, NXD Consultant <i>The talent pipeline</i>
1035 - 1105	Morning Break
1105 - 1120	Steven Grier, Country Manager, Microsoft (Scotland) <i>Digital schools and skills</i>
1120 - 1220	Panel session chaired by Paul Zealey, Skills Planning Lead, SDS
1220 - 1320	Lunch
1320 - 1350	Keynote address - Professor Anders Flodström, Education Director, EIT Digital <i>Will a "gig" economy drive towards labour markets of individual competencies?</i>
1350 - 1420	Lorna Campbell, Edinburgh University lead for Open Educational Resources (OER) for Scotland <i>The value of open educational resources to higher education</i>
1420 - 1450	Deborah Kellsey Millar, Director of Digital Learning and IT Services, Salford City College <i>Culture Shift - embedding technology in staff and student practice</i>
1450 - 1520	Afternoon Break
1520 - 1550	Keith Smyth, Professor of Pedagogy, University of Highlands and Islands <i>Challenges and opportunities of digital learning in a geographically distributed cross-sectoral institution</i>
1550 - 1700	Panel session chaired by Joe Wilson, Educational Consultant and joined by Sheila MacNeill, Senior Lecturer, Glasgow Caledonian University

Our Morning Speakers



PAUL LITTLE
Principal & CEO,
City of Glasgow College

Paul Little is the founding Principal and CEO of City of Glasgow College, Scotland's largest and top performing technical and professional skills college. He enjoys a global reputation as an academic leader and is amongst the UK's foremost Thought Leaders and Change Innovators. During his distinguished 30 year career, Principal Little has successfully reshaped five colleges and redefined college education across the UK. A prominent academic, Paul is an Advanced Management Graduate of Harvard Business School and an Executive Government Graduate of the Harvard Kennedy School.



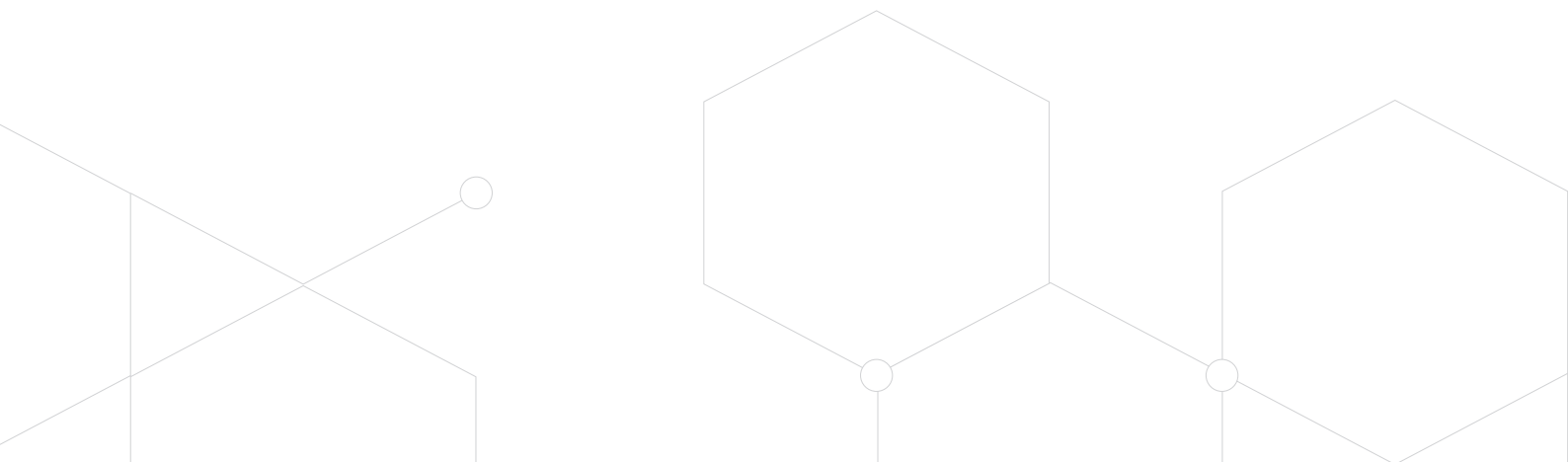
POLLY PURVIS
Chief Executive,
ScotlandIS

Polly began her career with the Royal Bank of Scotland Group in the City of London. Returning to Scotland she held a variety of roles at Scottish Enterprise including acting Director of Scottish Enterprise Edinburgh & Lothian's Company Growth Division where she was responsible for the development of small business policy. A post at Scottish Software Federation followed where she was involved in the merger which formed ScotlandIS. Polly describes her role as one of the most interesting jobs you could ask for, working in a fascinating, fast moving industry, which always has new challenges to offer.



GILLIAN DOHERTY
Chief Executive,
The Data Lab

Recently recognised as CEO of the Year at the Digital Tech Awards 2017, Gillian Doherty has been Chief Executive of The Data Lab for the last two years. A self-confessed technology geek, she has over 22 years' experience working in the IT sector. Prior to joining Data Lab Gillian held a range of senior leadership roles at IBM UK. She regularly gives talks on technology, and specifically data and its impact on our lives, businesses and public sector. She is passionate about enabling everyone to embrace new opportunities and for them to have the skills and aptitude needed to thrive.



Our Morning Speakers



CAROLINE STUART
NXD Consultants

A Technology and Business Studies graduate, Caroline initially worked in London where she trained as an Investment Analyst. She returned to Scotland, moving into business consultancy then joining Oracle as a global industry advisor. She is now an independent consultant and chairs Tech Partnership Scotland. Caroline sits on a number of Boards and Committees including Skills Development Scotland, Scottish Funding Council, The Data Lab, and the Scottish Government's Digital Scotland Business Excellence Board. She has been a Commissioner on the Widening Access and Make Maths Count Commission.



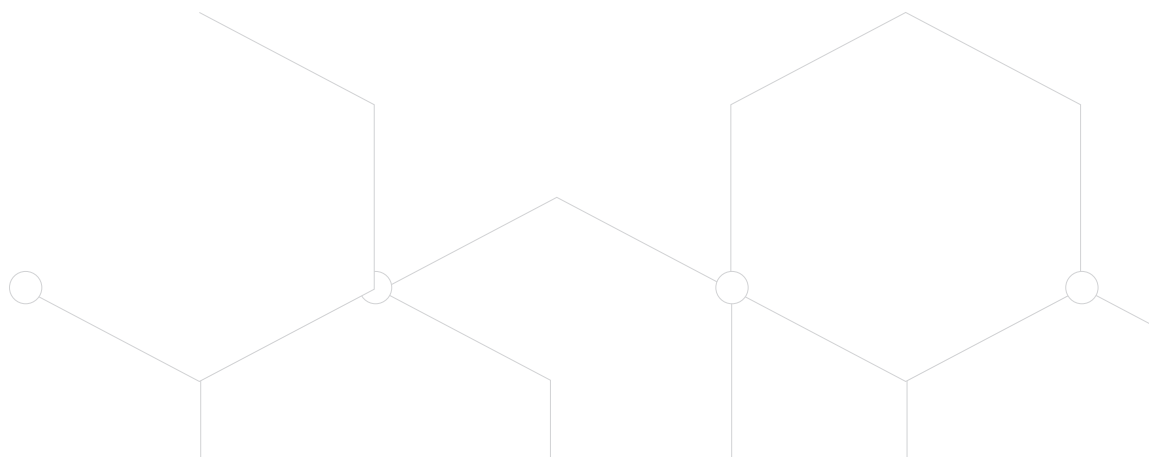
STEVEN GRIER
Country Manager,
Microsoft (Scotland)

Steven represents Microsoft's business in Scotland. From humble IT beginnings on a YTS Scheme with Digital Equipment Corporation in 1989 his journey has taken him through oil (BP), alcohol (United Distillers), funerals (Co-Op) and software. He joined Microsoft in the year Windows XP launched Bing. He is passionate about Scotland, inspired by innovation, has a soft spot for education and skills, and likes technology when it makes people smile. His challenge is to find a balance between cycling, Burns poetry and Scandinavian power metal music. It may take some time.



PAUL ZEALEY
Skills Planning Lead,
Skills Development Scotland

Paul has a 25 year track record leading regional economic development across private, public and third sector with international recognition for contribution to outcomes, impact, and legacy and community benefits. He is currently responsible for leading the national Skills Agency's strategic relationships within Glasgow City and for oversight of key sectors including digital and ICT. Paul was Head of Engagement and Legacy for the Glasgow 2014 Commonwealth Games and his non-executive directorships include Digital Xtra, Scotland's pioneering digital skills charity.



Our Afternoon Speakers



**PROF ANDERS
FLODSTRÖM**
Education Director,
EIT Digital

Anders has degrees in engineering physics and in teaching, and a PhD in surface and thin film physics. He started his professional career as a researcher at Xerox PARC in the USA, and in 1985 became professor in physics at the Royal Institute of Technology in Stockholm. In 2007 he became University Chancellor for all Swedish universities. Of his role with EIT Digital, Anders says: "Massive Open Online Courses (MOOC) will change the playing field and become a new infrastructure that will multiply outreach. I see myself as an initiator, problem solver and project leader for parts of this development."



LORNA CAMPBELL
Edinburgh University lead for
Open Educational Resources
(OER) for Scotland

Lorna has almost twenty years' experience working in education technology and now works within the Information Services division at the University of Edinburgh. Lorna has a long standing commitment to supporting open education technology, policy and practice; she leads the Open Scotland initiative and, together with Melissa Highton, was co-chair of the OER16 Open Culture conference. Lorna maintains a number of blogs including Open World <http://lornamcampbell.org/> and OpenScot.net <http://openscot.net/>. She is a Trustee of Wikimedia UK and the Association for Learning Technology, and a member of the Advisory Board of the Open Knowledge Open Education Working Group.



**DEBORAH KELLSEY
MILLAR**
Director of Digital Learning
and IT Services, Salford City
College

Deborah is responsible for driving digital strategy by embedding technology within staff and student practice. She is passionate about learning technologies and eager to connect with others involved in education, technology and the creative industries. Her proven track record for creative thinking, sharing best practice and knowledge exchange is optimised in the LearningWheel tool which she developed to help bridge the gap between traditional teaching methods and contemporary digital learning content and resources. Deborah was named in the Jisc Top 50 Further Education influencers on social media in 2016.

Our Afternoon Speakers



PROF KEITH SMYTH
Professor of Pedagogy at
University of Highlands and
Islands

Keith leads the university's Learning and Teaching Academy. He works across the UHI partnership on strategic learning and teaching developments, funded projects, and supporting staff to engage in educational scholarship and research. Keith has been involved in a range of projects focused on harnessing technology to support co-creative pedagogies and curriculum models, open educational practice, and online academic development. He developed the 3E Framework for technology-enhanced learning and teaching which has been implemented by over 50 educational institutions across and beyond the UK.



JOE WILSON
Educational Consultant

Joe is the former Chief Executive of College Development Network. He has worked for and with SQA, SFC, SCQF, SDS, and Education Scotland. Now an independent Education Consultant, his clients cover public and private sector organisations who wish to embed digital learning practices or shake up their business processes. They include the University of Edinburgh, Education Scotland, the Scottish Government, the British Council, UNESCO and Jisc. Joe is also co-founder of Open Scotland which encourages a collaborative approach to developing, sharing and repurposing learning materials across the public sector.



SHEILA MacNEILL
Senior Lecturer,
Glasgow Caledonian
University

A senior lecturer in Digital Learning, Sheila is part of the Academic Development Team. Her remit covers strategic direction, pedagogic guidance and practical support to staff in embedding digital learning across the curriculum as well as supporting a range of staff CPD opportunities. Open-ness is at the heart of her professional practice and she regularly blogs about her adventures and musing in and around the use of technology in education at howsheilaseesit.wordpress.com. She is a Trustee and current Vice Chair of the Association for Learning Technology (ALT) and a previous winner of the ALT Learning Technologist of the Year.

MARTY THE ROBOT

A fully-programmable, customisable, walking robot that's full of personality.

Build



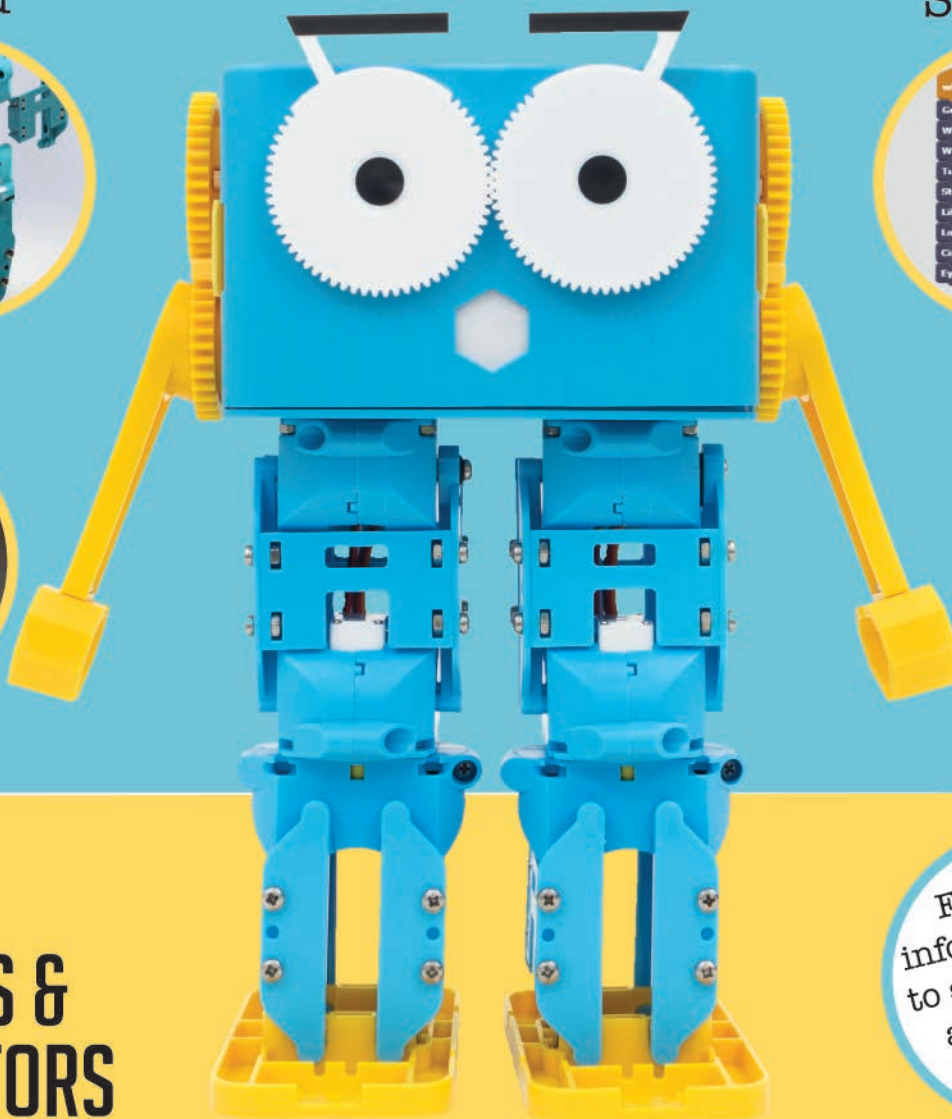
Scratch



Play



Python



For
**MAKERS &
EDUCATORS**

8-12 years

Intro to robotics
Basic programming
Scratch
Kit assembly

13-15 years

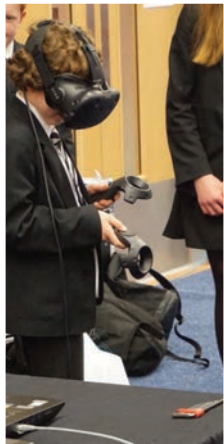
Programming
Python/Java script
Design parts
3D Printing

16+ years

Advanced robotics
Robot OS/C++
Sensor processing
Control theory

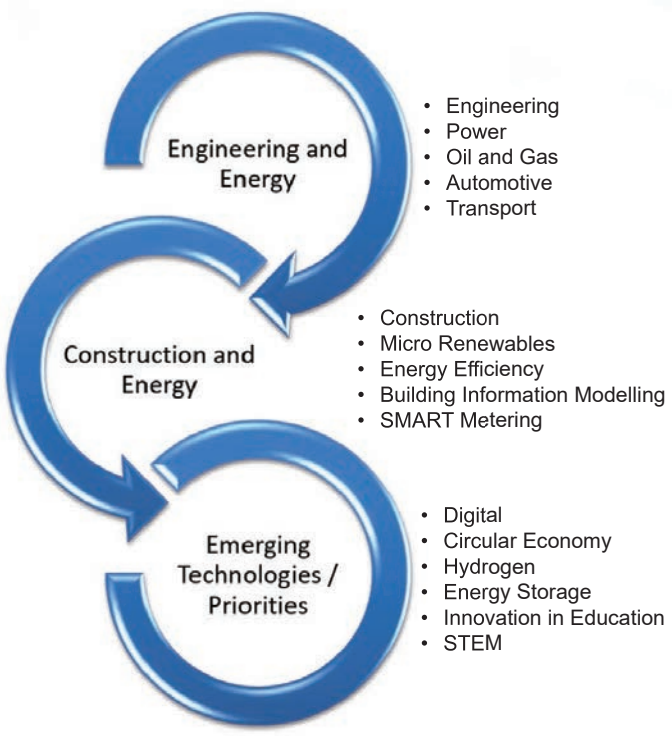
For more
information or
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action, visit
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ESP is a major contributor in supporting the skills agenda across Scotland and is now recognised as a key strategic partner in the public sector's 'Team Scotland'. As a collaboration of all Scotland's regional colleges the partnership aims to increase capacity and capability ensuring the right skills are being delivered at the right time to meet industry demand across the energy, engineering, construction and emerging technologies.

Following the publication of the Engineering, Energy and Construction Skills Investment Plans ESP has been working with Skills Development Scotland to ensure colleges can support industry.



Supporting Curriculum Developments

ESP has been working with members and partners to support curriculum development across engineering, energy and construction. These activities have stemmed from both industry and member priorities and through a collaborative approach has been possible to accelerate development across:

Work Readiness and Industry Led Enhancements

ESP has focussed on ensuring college programmes support industry and is working to ensure college courses better align with employers' skills needs. To support this members are delivering work readiness programmes, industry led/required enhancements as well as industry led CPD.

Building Capability and Capacity

ESP has a significant focus on building capability and capacity in the college sector and this has resulted in unprecedented CPD for college staff based on intelligence from industry and partners.

Innovation in Education

An emerging priority for ESP is innovation in education brought about by demand from members to support new teaching approaches including:

- Virtual Welding
- Immersive Hybrid Relativity (iHR)
- HND Online courses
- Emerging Technologies

STEM Strategy

ESP is building on its STEM strategy and is working with a number of partners to coordinate activities across Scotland establishing National STEM Hubs within regional colleges and is currently engaged with:

- Education Scotland
- SSERC
- Skills Development Scotland
- Glasgow Science Centre - Powering The Future On Tour
- Engineering UK – Big Bang Scotland
- Bloodhound Rocket Car Programme

Through the above we will establish the college sector as the regional hubs for STEM activity.



Shaping the stars of tomorrow

Be the first to reach Scotland's brightest talent through our business-focussed ICT student placement programme

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JOIN US FOR

DataFest18

The UK's first week-long festival of Data Innovation comes back to Scotland from the 19th to 23rd March 2018.

Now in its second year, DataFest will offer an unprecedented networking platform where you can interact with local and international talent, industry, academia and data enthusiasts, to discuss how **#DataChangesEverything**

WWW.DATAFEST.GLOBAL

CREATIVE INDUSTRIES SYMPOSIUM

THE VALUE OF CREATIVITY - CULTURALLY, SOCIALLY AND ECONOMICALLY

8th March 2018 @ City Campus

A range of speakers will tell their stories and share their views on Creativity. Speakers will include established practitioners and strategic leaders from the Creative Industries as well as those who design, make, produce and create.

The Symposium will present an opportunity for dynamic debate and innovative thinking.

For more information contact:

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Let Learning Flourish

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