9.00 – 9.10  Registration

9.10 – 9.15  Opening Address– Geoff Staples and Margaret Ross

9.15 – 10.00  Chair: Margaret Ross  
**Keynote - How will the Fourth Industrial Revolution Impact Education?**
Professor Liz Bacon BSc, PhD, CEng, CSci, CITP, FBCS, PFHEA, MACM is Vice-Principal and Deputy Vice-Chancellor (Academic) at Abertay University, past BCS President – list Past Presidents [http://www.bcs.org/content/conWebDoc/1635](http://www.bcs.org/content/conWebDoc/1635)

10.00 – 10.30  Chair:  
(1) **Learning anytime, anywhere: a journey into online teacher CPD**  
Amy Icke, The Girls' Day School Trust, UK

10.30 – 11.00  (2) **Can Work-related Learning Activities Improve Student Engagement in Higher Education?**  
Paul Albinson, Bournemouth University, UK

11.00 – 11.15  Refreshments

11.15 – 11.45  Chair:  
(3) **Teaching Computational Thinking via Tangible and Graphical Interfaces – An Overview Through Reflective and Critical Lenses**  
Anastasios Tsimpalias¹,², Eleni Berki³, Juri-Petri Valtanen⁴, Theodosios Sapounidis⁵,⁶  
¹Bizfit Ltd. - Information Technologies and Services, Tampere, Finland  
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³Faculty of Information Technology, University of Jyväskylä, Finland  
⁴Faculty of Education and Culture, Tampere University,  
⁵Department of Philosophy and Education, Aristotle University of Thessaloniki, Thessaloniki, Greece, teo@edlit.auth.gr  
⁶Cubes Coding, Consumer Electronics, Corp. Headquarters, Thessaloniki, Greece

11.45 – 12.15  (4) **The Perceptions of Technology for Education, A Generation-Z Case Study**  
Eleanor Dewar, Ocelot Educational Research and HAVRE Academique

12.15–12.45(5) **The Cultural Impact of Accessible Gaming Mechanics: A Study Comparing Nepalese and UK Computing Student**  
Carole Morrell, Mandy Morrell, University of Northampton, UK

12.45 – 1.15 Lunch

1.15 – 2.00  Chair:  
**Keynote - Teaching useful knowledge: Some Principles of Useful Knowledge, and Some Classical Ideas about Undergraduate Basics**  
Tom Gilb Hon FBCS, list of all Honorary Fellows [http://www.bcs.org/content/conWebDoc/1648](http://www.bcs.org/content/conWebDoc/1648)

2.00 – 2.30(6) **Creating a syllabus for Cyber Security Careers and Employability**  
Peter Komisarczuk,  
Royal Holloway University of London, UK
24th INSPIRE - Tuesday 16 April 2019

2.30 – 3.00 (7). Digital Learning Challenges and Innovations for Sustainable Education in Developing Countries: Issues of Policy and Practice
   Linda Odhiambo Hooper1, James Uhomoibhi2
   1School of Applied Social and Policy Sciences, University of Ulster
   2Artificial Intelligence Research Group, Faculty of Computing, Engineering & the Built Environment, Ulster University, Northern Ireland

3.00 – 3.15 Refreshments

3.15 – 3.45 (8). Digital Game-based Learning in Education: Significance of Motivating, Engaging and Interactive Learning Environments
   Georgios Lampropoulos, Theofylaktos Anastasiadis, Kerstin Siakas
   Alexander Technological Educational Institute of Thessaloniki, Greece,

   Oksana Razina, Mohammed Al-husban, Shakeel Ahmad, Margaret Ross
   Solent University, Southampton, UK

4.15 – 4.45 (10) The Five Stage Framework for Life Long Learning in Engineering Education and Practice
   James Uhomoibhi1 and Margaret Ross2
   1School of Applied Social and Policy Sciences, University of Ulster
   2Solent University, Southampton, UK

4.45 Close of INSPIRE,
4.45 Refreshments

SQM and INSPIRE will be in the Oak Conference Room, on level 2, of the Sparks Building, Solent University, East Park Terrace. (This is about 10 minutes' walk from the Southampton Central Station). The lifts are on the left once you have entered the Spark building, and past the Reception. - on leaving the lift on level 2, turn left and left along the long corridor - the Oak room is at the end on your right)
Directions and maps at http://www.solent.ac.uk/about/find-us/find-us.aspx,

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