INSPIRE 2022
27th INSPIRE XXVI timetable (v4)

"E-Learning for Sustainability and Education Beyond Pandemic"

e-proceedings - **ISBN:**

Conference Chair: James Uhomoibhi, Chair of BCS e-learning SG

Conference Director: Margaret Ross

Start – 9.15 am (London time)
Keynotes – 9.30 - 10.30am
Breaks for lunch and refreshments
(Allowing time to set up the following presentations)

Tuesday 14 June - AM
9.15 Opening (London time)
9.30 - 10.15   **Keynote 1 Liz Bacon -** "**How the recent past is influencing the future of Higher Education**"

Professor Liz Bacon, Principal and Vice-Chancellor of Abertay University, a National Teaching Fellow, a Principal Fellow of the Higher Education Academy, a Trustee and Director of Bletchley Park Trust, a Past President of EQANIE (European Quality Assurance Network for Informatics Education) and a Past President of BCS, The Chartered Institute for IT

10.15 - 10.30 Refreshment,

Section 1: Developing Countries

10.30 -11.00 **Accomplishing the Vision and Mission of Higher Education Using E-Learning: The Catholic Institute of Business and Technology**

Emefa J.A. Takyi-Amoako (Catholic Institute of Business and Technology, **Ghana**), James Uhomoibhi (Ulster University, Northern Ireland)

11.00 – 11.30 **E-Learning Strategy in Higher Education Institutions In Developing Countries: The Role of Organizational Resources**

Jackline Akoth Odero (Masinde Muliro University of Science and Technology, **Kenya**)

11.30 – 12.00 **Digital Learning: Approaches to Teaching in Developing Countries**

Linda Odhiambo Hooper (Ulster University, Northern Ireland), James Uhomoibhi (Ulster University, Northern Ireland)

12.00 – 1.00 Lunch

Tuesday, 14 June - PM
Section 2: Education

1.00 – 1.30 **Impacts of COVID-19 on Distance Education in Higher Education: A Descriptive   Analysis**

Uğur Kaya (Ankara Yıldırım Beyazıt University , Ankara, **Turkey**), Bilge Kağan Önaçan (Ankara Yıldırım Beyazıt University , Ankara, T**urkey**), Demet Soylu (Ankara Yıldırım Beyazıt University , Ankara, **Turkey**), Tunç D. Medeni (Ankara Yıldırım Beyazıt University , Ankara, **Turkey**),

1.30 – 2.00 **Postgraduate online and hybrid delivery courses for student-centred institutions, has this recent tendency got a future?**

Oksana Razina (Solent University, UK), M Ross (Solent University, UK)

2.00 – 2.30 **Teaching students using Design-First Test-Driven Development**

John Dixon (University of Hull, UK), Simon Grey (University of Hull, UK), Neil Gordon (University of Hull, UK), David Parker (University of Hull, UK), Mike Brayshaw (University of Hull, UK), Brian Tompsett (University of Hull, UK),

2.30 - 3.00 Refreshment

Section 3: Health

3.00 – 3.30 **People, E-Learning, and the Hybrid Society: Lasting Changes from the Health Crisis?**
          Mike Brayshaw (University of Hull, UK),
          Neil Gordon (University of Hull, UK),

3.30 – 4.00 **Challenges and Opportunities of Computer Based Medical Education for Drug Design and Use in Developing Countries: The Role of E-Learning and Impact of Covid-19 Pandemic**
          J.O. Uhomoibhi (Ulster University, Northern Ireland),
          F. O. Shode (Durban University of Technology, Durban, **South Africa**),
          O. J. Uhomoibhi (Durban University of Technology, Durban, **South Africa**)

4.00 – 4.30 **A 16-Week Program of Physical Activity and Stress Management Education and Their Effect on Heart Rate Variability - An Analysis of Stress following the Coronavirus Pandemic**
          Karen K. Dennis (Illinois State University, Illinois, **US**),
          Alex M. Wolfe (Lincoln College, Lincoln, Illinois, **US**) ,
          Allena Kraft (Illinois State University, Illinois, **US**),
          Maggie Werts (Lincoln College, Lincoln, Illinois, **US**),

Wednesday, 15 June - AM
9.30 Opening of the 2nd day

9.45 - 10.30 **Keynote 2 – Judy Goodlet - Voices from the Pandemic: How Covid 19 affected ordinary folk…aided and abetted by technology that both helped and hindered**
          Judy had a varied career in Human Resources, Training and Adult Education, had her own IT Training and Systems development company which, led to a career for 20 years as a radio presenter for Radio Solent

10.30-10 45 Refreshment

Section 4: Society

10.45 – 11.15 **Online Education at the HEIs as Impact on the Society: Case Study Bosnia and Herzegovina**
          Ratko Knezevic (University of Bihac, **Bosnia and Herzegovina**),
          Bozana Tomic (Slobomir P University, **Bosnia and Herzegovina**),
          Jelena Sajinovic-Novakovic (University of Banja Luka, **Bosnia and Herzegovina**),
          Yaren Sargin (Antalya Bilim University, **Turkey**)

11.15 – 11.45 **Teaching Sustainable Computing Remotely**
          Neil Gordon, (University of Hull, UK)

11.45 – 12 15   **Assessing the Impact of Innovative Borderless Hybrid Education for Practitioners in Emerging Economies**
          Larry Jones-Esan (University of Sunderland in London, UK)

12.15 – 12.45 **The Security Awareness Silver lining of the COVID homeworking cloud**
          Wendy Goucher (Goucher Consulting Ltd.UK)

12.45 – 1.45 Lunch

Wednesday, 15 June - PM

Section 5: AI

1.45 – 2.15 **AI serving the Economy and Society: Public Policy and Standards in Europe**
>R. Di Francesco (UNINFO-CT533/Head of Italian Delegation for CEN-CENELEC-JTC21-AI, Torino, **Italy**) ,
>D. Squillace (UNINFO, President, Torino, **Italy**),
>L.Carrozzi (GPDP (the Italian Data and Privacy Protection Authority), Roma, **Italy)**

2.15- 2.45 Standardisation of Artificial Intelligence: Making a "New World" Brave,
with Support of Human Requirements in a Machine Intelligence Environment
>G. Avrin (Laboratoire national de métrologie et d'essais, Cedex, **France**),
>P. Bezombes (Association Française de Normalisation, Paris, **France)**,
>A. Chella (Università degli Studi di Palermo, **Italy),**
>R. Di Francesco (Europe Technology Standards Office, Sony **Europe BV)**,
>**S. Dilmaghani** (AI and Data Analytics Consultant at PwC **Luxembourg**),
>S. Hallensleben (VDE Association for Electrical, Electronic & Information Technologies, Frankfurt am Main, **Germany)**,
>T. Hildebrandt (Copenhagen University, **Denmark)**,
>V. Livina (National Physical Laboratory, **UK)**,
>A. Mohan (National Standards Authority of Ireland, Dublin, **Ireland)**,
>M. Valtiala (Human Colossus Foundation, Switzerland and Univ. of Turku, **Finland)**

2,45 – 3.15 Refreshment

3.15. – 3.45 **Exploring The Use of AI Applications In The Development and Delivery of Biomedical Engineering Education Online**
>Agboluaje, Babatunde Azeez (Ulster University, Northern Ireland),
>James Uhomoibhi, (Ulster University, Northern Ireland)

3.45 – 4.15 **Human Capital Risk Reporting in Ghana: Nurturing Natural Intelligence Through Artificial Intelligence and Online Learning.**
>Isaac Krofa (Ulster University, Northern Ireland),
>James Uhomoibhi (Ulster University, Northern Ireland)

4.15 – 4.30 **Discussion; INSPIRE XXVIII, free, online, Tuesday 20 – Thursday 22 June 2023,**
>Margaret Ross

Wednesday, 5.30 to 6.30
Optional Zoom light dinner – register here https://www.eventbrite.co.uk/e/inspire-xxvii-remote-evening-conference-dinner-and-chat-registration-366654883627
Provide your own refreshment – Get networking in breakout rooms
This Zoom link for the dinner is only valid 5.30-6.30pm

Thursday, 16 June - AM
9.15 Opening of the 3rd day

9.30 - 10.15 Keynote 3 – Kerstin Siakas –**Social Media in Education: What do we know so far and what is the future?**
>Kerstin Si is Professor Merita in Information Systems Quality, Innovation and Social Networks, International Hellenic University, Greece, and Visiting Professor, University of Vaasa, **Finland**

10.15 – 10.30 **Psychological Effects of the COVID Pandemic on Students and Pupils: In their Own Voices and Views**
Elli Georgiadou , Harjinder Rahanu , Kerstin Siakas , Margaret Ross , Annita Zirki, Georgia Lambrou

10.30 – 10.45 **BCS Status and Fellowship**
Margaret Ross

10.45 – 11.00 Refreshment

11.00 – 1.00 **Current Status and Practises Evolving and Development involving Education in Africa**
Chair: James Uhomoibhi (Nigeria)
Panellists: from Nigeria, Ghana, Kenya, Uganda, Botswana (subject to availability),

including Jackline Akoth Odero (Kenya), Emefa J.A. Takyi-Amoako (Ghana)**,**

1.0 – 1.30 Lunch Break

1.30 - 4pm – workshop – Tom Gilb HonFBCS (Norway) - Academic Metrics: Principles, Analytic Practices, Design of Scales of Measure, Good practices, Dubious Practices

4.00 – 4.30 **INSPIRE XXVIII, free, online again, Tuesday 20 – Thursday 22 June 2023, Closure of INSPIRE XXVII**