### Monday, 21 June - AM

- **9.15 Opening (London time)**
- **9.30 - 10.30** **Keynote 1 – Transdisciplinary Research and Education – A Perspective, Pratap Chillakanti, Educator, Researcher, and Entrepreneur**

10.30-11.00 refreshment, and set up for am presenters

- **11.00 – 11.30** **Guidelines and Multidisciplinary Knowledge Advice for Cyberprotection in e-Learning: Hey, teachers! Don’t Leave the Kids Alone Online!**
  Eleni Berki (Jyvaskyla University, Jyvaskyla, Finland), Sunil Chaudhary (Norwegian University of Science and Technology, Norway), Maria Panteri (Cordoba University, Spain and Special Unified Gymnasium and Lyceum of Iraklion, Greece), Theodora Valkanou (Copenhagen University, Denmark), Juri-Petri Valtanen (Tampere University, Tampere, Finland), Jan Bamford (London Metropolitan University, UK), Yevhen Zolotavkin (Deakin University and Cybersecurity Research Centre, Australia), Anna Plevraki (Aristotle University of Thessaloniki, Greece), Linfeng Li (Beijing Institute of Petrochemical Technology, China), Geoff Staples (BCS, UK)

- **11.30 – 12.00** **Student Attitude Towards E-Learning Adoption: A Case Study of Masinde Muliro University of Science and Technology, Kenya**
  Jackline Akoth Odero and Umulkher Abdillahi (Masinde Muliro University of Science and Technology, Kakamega, Kenya)

- **12.00 – 12.30** **The Role of Gamification in a Software Development Lifecycle**
  Neil Gordon, Mike Brayshaw, John Dixon, Simon Grey, David Parker, (University of Hull, UK)

### Monday, 21 June - PM

- **12.30 – 1.00** lunch, and set up for pm presenters

- **1.00 – 1.30** **Elements of Gamification – An Empirical Mapping of Studies to Game Elements**
  Konstantinos Ntokos, (Solent University, UK)

- **1.30 – 2.00** **Learning and Gaming in a Media Enriched Prolog MOOC**
  Mike Brayshaw, Phininder Balaghan, (University of Hull, UK)

- **2.00 – 2.30** **Gamification Toolbox for Academics: Identifying Gamification Best Practices for Using Game Elements in Higher Education**
  Konstantinos Ntokos, (Solent University, UK)

- **2.30 -3.00** refreshment, and set up for next presenters

- **3.00 – 3.30** **A Gamified Augmented Reality Application for Improving Students’ Engagement, Motivation and Knowledge Acquisition**
  Georgios Lampropoulos (International Hellenic University, and Hellenic Open University, Greece), Theofylaktos Anastasiadis (Aristotle University of Thessaloniki, Greece), Kerstin Siakas (International Hellenic University, Greece & University of Vaasa, Finland)

- **3.30 – 4.00** **Challenges and Prospects of Augmented Reality Learning Environment (ARLE): An Assessment of Applications, Recent Developments and Needs for STEM Education**
  P. J. Van den Broek, J. O. U homoibhi, J. Liu, P. Joseph-Richard, D. Barr (Ulster University, Northern Ireland, UK)
Tuesday, 22 June - AM
9.15 Opening of the 2nd day
9.30 - 10.30 Keynote 2 – The Fulfilment of Ethical Duties Required in Overcoming Obstacles to e-Learning in a Pandemic
Harjinder Rahanu, (Middlesex University, UK)

10.30-10.45 refreshment, and set up for am presenters
10.45 – 1.00pm Rapid migration from traditional or hybrid to fully virtual education in the age of the COVID-19 pandemic: Challenges, Experiences and Views of College and University students
Elli Georgiadou (Middlesex University, London, UK), Georgios Lampropoulos (International Hellenic University, Thessaloniki, Greece & Hellenic Open University, Patras, Greece), Errikos Siakas (Aristotle University, Thessaloniki, Greece), Kerstin Siakas (International Hellenic University, Thessaloniki, Greece & University of Vaasa, Vaasa, Finland), Adam Edwards (Middlesex University, London, UK), Yuri Petri Valtanen (Tampere University, Tampere, Finland), Eleni Berki (Jyvaskyla University, Jyvaskyla, Finland), Nickos Paltalidis (Queen Mary University, London, UK), Harjinder Rahanu (Middlesex University, London, UK), Ratko Knezevic (University of Bihac, Bosnia-Herzegovina), Amelia Colic (University of Bihac, Bosnia-Herzegovina), Bozana Tomic (Slobomir P University, Bosnia and Herzegovina), Andreas Savva (University of Nicosia, Cyprus), Vassos Stylionou (University of Nicosia, Cyprus), Saltanat Meiramova (Saken Seifullin Kazakh Agrotechnical University, Kazakhstan), Marwa Abd Elghany (Arab Academy for Science & Technology, Alexandria, Egypt), Nermine Khalifa (Arab Academy for Science & Technology, Alexandria, Egypt), Rita Gevorgyan (Armenian State Pedagog University, Yerevan, Armenia), Daniela Popa (Transylvania University, Brasov Romania), Jackline Odero (Masinde Muliro University of Science and Technology, Kenya), Umulker Ali (Masinde Muliro University of Science and Technology, Kenya), Maria Panteri (Special Unified Vocational High School and Lyceum of Heraklion, Greece & Cordoba University, Cordoba, Spain), Karen Dennis (Illinois State University, Illinois, USA), Veronika Stoffova (Trnava University, Trnava, Slovak Republic), Dilara Begum (East West University, Dhaka, Bangladesh), Sunil Chaudhary (Norwegian University of Science and Technology, Norway), Maria Plastira (Aristotele University, Thessaloniki, Greece), Demet Soylu (Hacettepe University, Turkey), Margaret Ross (Solent University, Southampton, UK), Geoff Staples (BCS, UK), Galina Zamarova (Vladimir University, Vladimir, Russia), Jury Panov (Vladimir University, Vladimir, Russia), Xu Zhang (Beijing Institute of Technology, China), George Portides (University of Nicosia, Cyprus), Claire McGuinness (University College, Dublin, Ireland), Theodora Valkanou (Copenhagen University, Denmark)
Tuesday, 22 June - PM

1.00 – 1.30 lunch, and set up for pm presenters

1.30 – 2.00 The Impact of the COVID-19 Pandemic on the Learning and Well-being of Secondary Schools Pupils: A Survey in South Europe
   Maria Panteri (Cordoba University, Spain & Special Unified Gymnasium and Lyceum of Iraklion, Greece), Annita Zirki (State Institute of Livadia and Larnaca, Cyprus), Georgia Lambrou (Tsirio & Thekleio Gymnasium & Latia State Institutes of Further Education), Juri Valtanen (Tampere University, Tampere, Finland), Eleni Berki (Jyvaskyla University, Jyvaskyla, Finland), Georgios Lampropoulos (International Hellenic University, Thessaloniki, Greece & Hellenic Open University, Patras, Greece), Kerstin Siakas (International Hellenic University, Thessaloniki, Greece & University of Vaasa, Vaasa, Finland), Elli Georgiadou (Middlesex University, UK), Demet Soylu (Hacettepe University, Turkey), Adam Edwards (Middlesex University, UK), Harjinder Rahanu (Middlesex University, UK), Maja Stoffova (IES San Fernando, Constantina, Spain), Carlos Morales (IES San Fernando, Constantina, Spain)

2.00 – 3.00 Impact of the COVID-19 Pandemic on Education: Experiences and Feelings Reported by Primary School Pupils from Greece and Turkey
   Demet Soylu (Hacettepe University, Turkey), Georgios Lampropoulos (International Hellenic University, Thessaloniki, Greece & Hellenic Open University, Patras, Greece), Errikos Siakas (Aristotle University, Thessaloniki, Greece), Maria Panteri (Cordoba University, Spain & Special Unified Gymnasium and Lyceum of Iraklion, Greece), Juri Valtanen (Tampere University, Tampere, Finland), Eleni Berki (Jyvaskyla University, Jyvaskyla, Finland), Kerstin Siakas (International Hellenic University, Thessaloniki, Greece & University of Vaasa, Vaasa, Finland), Tunç D. Medeni (Ankara Yıldırım Beyazıt University), Adam Edwards (Middlesex University, UK), Elli Georgiadou (Middlesex University, UK)

3.00 – 3.15 refreshment, and set up for next presenters

3.15 – 3.45 Teaching and Learning Strategies and Actions at the Armenian State Pedagogical University during Coronavirus
   Rita Gevorgyan (Armenian State Pedagogical University, Armenia)

3.45 – 4.15 Study Habits, Communication Levels, and Teaching Modality Preferences Before and During Coronavirus Pandemic – A Comparative Analysis of United States and Russian University Students
   Galina Zamarava (Vladimir State University, Russia), Karen K. Dennis (Illinois State University, USA)
Wednesday, 23 June - AM
9.15 Opening of the 3rd day
9.30 - 10.30 **Keynote 3 – Decolonising the Curriculum and Implementing Relevant Education in Africa Using E-Learning**
James Uhomoibhi, Chair of BCS e-learning SG (Ulster University, Northern Ireland)

10.30-11.00 refreshment, and set up for am presenters
11.00 – 11.30 **Higher Education Institutions’ Websites: Attracting to Study or Homogenously Boring?**
Oksana Razina, Mohammed Al-husban, Shakeel Ahmad, Margaret Ross, (Solent University, UK)

11.30 – 12.00 **Challenging E-Learning Value and Application in Kenya in Conditions of Pervasive Informality**
Linda Odhiambo Hooper and James Uhomoibhi (Ulster University, Northern Ireland)

12.00 – 12.30 **A Social Media Data Analysis Study Regarding the Effect of the COVID-19 Pandemic on Online Learning**
Georgios Lampropoulos (Hellenic Open University, and International Hellenic University, Greece), Kerstin Siakas (International Hellenic University, Greece and University of Vaasa, Finland) , Theofylaktos Anastasiadis (Aristotle University of Thessaloniki, Greece)

Wednesday, 23 June - PM
12.30 – 1.00 lunch, and set up for pm presenters
1.00 – 1.30 **Inequality in e-Learning in Kenya: Looking Beyond the Covid-19 Pandemic**
Caroline Akinyi Odhiambo (Kapkoi Girls Secondary School, Kenya). Linda Hooper, James Uhomoibhi (Ulster University, Northern Ireland)

1.30 - 2.00 **A Case Study of Two Pre-Primary Schools Regarding the Implementation of Distance Mode Online Education**
Georgia Plastira (76th kindergarten of Thessaloniki, Greece), Sarmi Paschalia (Neochorouda’s kindergarten, Greece), Vraka Dimitra (76th kindergarten of Thessaloniki, Greece)

2.00 – 2.30 **Professionalism in Practice: The Impact of COVID-19 and Future Directions**
James Uhomoibhi (Ulster University, Northern Ireland), Linda Odhiambo Hooper (Ulster University, Northern Ireland) , Soheir Ghallab (BCS Business Change SG Chair) , Margaret Ross (BCS), Geoff Staples (BCS)

**Closure of Conference**