



International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: Digital Transformation Trends and Futures

Name of Chair: Professor Madhumita Bhattacharya & Professor Steven Coombs

Details of Session:

Sensing the digital future and anticipating the barriers and overcoming disruptions will help us to plan and move the eLearning agenda forwards.

The following themes are some of the areas which are relevant to understanding digital futures:

- IoT (Internet of Things)
- Cloud Computing
- Analytics
- Edge Computing
- Mobile computing towards the 5G network
- Blockchain
- AI (Artificial Intelligence)
- VR (Virtual Reality) and 3D Visualization

The session Chairs are working on these research areas and their educational applications and solutions and invite colleagues to submit their papers covering these emerging topics.

In this invited session we also intend to discuss topics such as cultural issues and the social impact of digital transformation. Does culture remain as a hurdle or hidden asset in this fast-moving digital age towards successful transformation? As all the existing successful technologies are changing fast and moving forwards (e.g. mobile technologies) we observe the evolution of certain new technologies that are replacing the old technologies, i.e. disparate analogue systems moving toward digital convergent solutions.

Finally, we need to focus our attention regarding a debate based on the following key questions: What is the nature and consequences of Digital Transformation on society and pedagogy? How does this revolution affect educational systems and the societies it serves? How do we plan for such a future?

Website URL (if any):

Please see: <http://seel-18.kesinternational.org/cms/userfiles/is01.pdf> from the 2018 KES-SEEL invited session which was attended by many peers and attracted a number of papers for presentation and publication in the Springer book series.

Email & Contact Details:

mmitab@gmail.com & s.coombs2015@gmail.com

New Paradigm Solutions Ltd. New Zealand & Hamden Bin Mohammed Smart University, Dubai, UAE.