

Workshop ID: F8

Title:

Technology as an Enabler for Circular Economy (Tech4CE)

1) Short Description

The purpose of the second “Technology as an enabler for Circular Economy” workshop is to continue to provide a platform for IS researchers to interact and contribute to the resource efficient society which is deemed pertinent for the environment and equally to the economy. Recently, digital technologies such as the internet of things (IoT), artificial intelligence (AI), digital twin, virtual reality, and big data are highlighted to be an enabler for circular business models. The European Policy Centre highlighted that digital technology use for Circular Economy could create new markets, and jobs and boost EU GDP by 7%. The technology could help in scaling these to a wider scale. However, there is limited understanding on how IS could address circularity issues especially for wider-scale implementation in business and impact on society.

The outcome of the workshop expected will be:

- 1. To bring together researchers working on the use of digital technology for the Circular Economy*
- 2. Provide an opportunity for researchers to share the advancement and knowledge, and get feedback on their ongoing work*
- 3. Support interdisciplinary research which is required for an effective transition to Circularity*

The workshop will be over a full day on the 16th of June in Cyprus. In the first half of the day, we would start with a keynote speech (TBC) followed by short presentations from different researchers. This will be followed by group discussion and potential collaboration on how Digital technologies could be used for the Circular Economy.

2) Detailed Description

Not Applicable

3) Organizers (Workshop Chairs):

Jyoti Mishra, j.l.mishra@leeds.ac.uk (Contact person)

Nishikant Mishra, nishikant.mishra@hull.ac.uk

Committee members:

Abdullah Albizri, Montclair State University

Sarah Cherki El Idrissi, University of Toronto Mississauga

René Reich, KU Leuven

4) Submission link\site\email

Interested researchers should submit extended abstract (500 words) **by the 19th of April 2024** to Jyoti Mishra (j.l.mishra@leeds.ac.uk). Articles will go through a double-blind review.