

Digital Innovation for Sustainable Future Summit

International Workshop in conjunction with
the 25th Enterprise Computing Conference ([EDOC2021](#))
Gold Coast, Australia, 25 October 2020

The integration of cyber and physical systems marks the era of Industry 4.0. Artificial Intelligence, Internet of Things, Virtual Reality & Augmented Reality and Cloud Computing have changed the way today's healthcare and business industry operate. For example, emerging technologies enable new approaches to monitoring patient health and managing customer relationships. Data-driven industrial revolution (Industry 4.0) provides significant opportunities for technological innovations to contribute towards corporate and social responsibility goals.

Digital Innovation for Sustainable Future Workshop provides a platform for sharing and discussing about cutting-edge results and latest developments, as well as the opportunity for networking, engaging, and formulating new projects in emerging topics. The aim is to bring together inter-disciplinary change leaders from academia, industry, and government to showcase the use of digital technologies to address current and emerging global challenges on "how do tech-based innovations help achieve the United Nation's sustainable development goals?"

This workshop will focus on the use digital technologies to address the UN's stated sustainable development challenges such as climate change, the circular economy and an ageing society. The aim is to bring together experts from business and technology, and inter-disciplinary researchers, industry practitioners and entrepreneurs, to explore how digital technologies are being used for good to drive social change in the modern world.

Overview

The full-day interactive workshop will start in the morning with an **Industry Panel** to present case studies from the industry leaders that have successfully used digital technologies to grow and expand social enterprises and drive social change. The morning session will be concluded with a set of **Demos** of real-life applications that are already implemented and making impacts in society.

After lunch, the workshop will present **research papers** to provide a platform for researchers to share and discuss their latest empirical and theoretical work to address the current and emerging social challenges be presented and discussed, with a focus on implementing the ideas into practice, thereby facilitating translational outcomes.

Call for Papers

We encourage both conceptual papers or empirical papers contributing to an enhanced understanding of the role of emerging technologies in business and healthcare transformation.

The topics of interest include, but not limited to:

- Case studies of impacts from tech-for-good, such as in healthcare transformation, crisis management, and circular economy.
- New business models and entrepreneurial opportunities from digital transformation.
- Governance, leadership and management of sustainable digital innovation.
- Strategy for secured cyber-physical systems to empower international businesses.
- Ethical use of data and Artificial Intelligence (AI), enabling business analytics, personalised services, and augmented decision supports.
- Responsible computing framework for sustainability, including privacy, security, and transparent intelligent systems.

Full papers should follow the IEEE Proceedings Formatting Guidelines (8-10 pages) and be submitted in PDF format.

All papers will be refereed by at least 2 members of the Program Committee. The Proceedings will be published by the IEEE Computer Society Press and be available through IEEE Xplore and the IEEE Digital Library.

Each paper must have one of its authors registered to EDOC'21 before the camera-ready deadline.

Key Dates

Paper Submission due: 18 June 2021

Acceptance notification: 16 July 2021

Camera-ready papers due: 30 July 2021

Author registration: 30 July 2021

Workshop session: 25 October 2020

Program Committee

Vinh Bui, Southern Cross University, Australia

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Workshop Organisation Committee

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The lists above are in alphabetic order and are being updated as committees are finalised

Contact

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