

DIGIT 2024 Workshop

When: Sunday, December 15, 2024 (1 pm-5 pm)

Submissions Due: Monday, September 30, 2024 (11:59 pm, EDT)

The **Special Interest Group on the Adoption and Diffusion of Information Technology (SIGADIT)** invites submissions from researchers and practitioners for the 2024 DIGIT Workshop.

Recent technological developments have been transformative across various sectors. Advances in artificial intelligence (AI), including generative AI and large language models (LLMs), blockchain, autonomous vehicles, and the metaverse, are driving significant innovation. AI continues to integrate deeply into industries, reshaping processes and creating new opportunities for efficiency and productivity. Blockchain is being leveraged beyond cryptocurrency for secure and transparent operations in various fields, including supply chain management and healthcare. Generative AI is revolutionising creative industries by producing content such as text, images, and videos from prompts, and the metaverse is creating new possibilities for immersive experiences in education, entertainment, and business.

In light of these technological advancements and significant challenges presented by the climate crisis, cybersecurity threats, the spread of misinformation, and the lasting impact of the COVID-19 pandemic, we stand at a crucial point to leverage digital technologies for economic and societal advancement. The widespread integration of AI and digital platforms has opened unprecedented opportunities for innovation and societal transformation. We have observed the global adoption of generative AI, particularly after the release of ChatGPT in late 2022, showcasing the vast potential of these technologies to revolutionise industries and sectors worldwide.

As AI and digital technologies become increasingly embedded in the lives and routines of individuals, organisations, and societies, there is a growing need for scientific investigation and theoretical alignment in research on IT adoption, diffusion, use, and impacts. The DIGIT 2024 workshop provides a valuable opportunity for researchers to come together, fostering vibrant discussions and the exchange of ideas regarding the effective harnessing of digital technologies. In addition to papers focused on this year's conference theme, "Digital Platforms for Emerging Societies," we welcome research contributions exploring other aspects of IT adoption and diffusion. Let us collectively deepen our understanding of how digital technologies can be harnessed to drive transformative innovation.

Potential topic areas include, but are not exclusive to:

- Adoption, diffusion, and use of AI and emerging technologies.
- Impact of digital natives entering the workforce on adoption and diffusion, focusing on the transition from hedonic to utilitarian systems.
- Multi-level effects of contextual factors such as group, organisation, and culture on adoption and diffusion, particularly in emerging societies.
- Examining cognitive structures of users beyond perceptions, beliefs, and attitudes; developing comprehensive cognitive models of adoption.

- Problematizing and questioning foundational assumptions in adoption research.
- Navigating ethical considerations in the adoption and diffusion of AI technologies.
- Exploring the responsible and ethical use of generative AI within creative industries, media, and content generation.
- Understanding the impact of digital transformation on individuals and organisations.
- Digital ecosystems and their effects on adoption, diffusion, and abandonment of digital solutions.
- Diffusion of new digital solutions in support of the Sustainable Development Goals (SDGs).
- Adoption and diffusion of digital solutions for achieving digital resilience.
- Digital transformation across industries such as healthcare, education, finance, and the public sector.
- Individual and collective technology use behaviours, such as adaptation, coping, improvisation, and effective use in the presence of major crises and disruptions.
- Multi-level studies considering the rippling effects of disruptions and their implications for IS adoption and diffusion.
- Security, privacy, and risk management in the adoption and use of AI and emerging technologies.
- New qualitative, quantitative, and design science methodological approaches to examine the dynamics of IT adoption and diffusion.
- Applications of augmented reality and the metaverse in business and education.
- Impacts of Web3 and cloud computing on digital platform ecosystems.
- Advances in robotics and automation and their adoption in various sectors.

Submitted research can be conceptual, analytical, design-oriented, or empirical in nature. The workshop will include paper presentations, paper roundtables, and expert panel discussions.

Instructions for Contributors

In the interest of discussing the most current research in this area, we welcome

- Completed research papers (16 single-spaced pages)
- Research-in-progress papers (8 single-spaced pages)

All submissions will be peer-reviewed. Papers should not have been published previously in other proceedings or journals, nor be under review elsewhere. However, it is the general objective of the workshop that the papers will be submitted to a premier outlet after the DIGIT workshop.

Proceedings of the workshop will be published in the AIS Electronic Library. The authors can choose whether they want the full paper or only an extended abstract to be published. For past proceedings see: <https://communities.aisnet.org/sigadit/digit/digit-proceedings>

**** Submissions Due: Monday, September 30, 2024 (11:59 pm, EDT) ****

Instructions for Submission

The deadline for submission of papers is Monday, September 30, 2024 (11:59 pm, EDT). We will review and accept manuscripts shortly after this date.

Papers, both complete research (16 pages) and research-in-progress (8 pages) submissions, must be single-spaced, include an abstract, and submitted in Microsoft Word format. These page limits are all-inclusive; they include the title, body of the paper, figures, tables, references, and all appendices. A separate title page should include the paper title and the authors' names, affiliations, and e-mail addresses. The main body of the paper should have the title, but no author identification. All papers must conform to the instructions given in the **DIGIT 2024 submission template**, which can be found at:

<https://communities.aisnet.org/sigadit/digit/digit-2024>. Any submission that does not conform to the template or exceeds the page limits will be desk-rejected without review.

All paper submissions should be sent electronically as a Microsoft Word attachment to: DIGIT.Submissions@gmail.com.

Questions regarding paper submissions can be sent to the program co-chairs: Azadeh Savoli (azadeh.savoli@gmail.com) and Christoph Weinert (christoph.weinert@uni-bamberg.de)

Participation

The workshop will be a half-day event, on Sunday, December 15, 2024, as an in-person event. At least one author must register and attend the workshop to present the paper if the work is accepted.

You do not have to submit a paper to attend the workshop, and we are excited to have scholars of all levels come together and discuss topics of information technology adoption and diffusion and participate in panels and roundtables. However, if you do have a paper accepted, then at least one author must register and attend the workshop for the paper to be included in the workshop program.

We especially encourage PhD students to participate in our workshop. For PhD students with accepted papers in DIGIT, there will be opportunities to receive scholarships covering DIGIT registration fees and potentially ICIS registration fees. This decision will be made based on the quality of accepted papers. Authors who are PhD students should specify this information in their affiliation on the title page of their submissions.

Registration

How: Please register via the [ICIS registration website](#). Our workshop this year is an in-person event and can be added to your ICIS registration or as a stand-alone attendee.

DIGIT Workshop Committee

For information on SIGADIT and the DIGIT workshop, please contact the 2024 workshop committee:

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