



5th Zimbabwe Conference on Information
Communication & Technology (ZCICT)/IEEE Sponsor

Beyond Automation: Human and Machine Collaboration for
Sustainable Innovation and Digital Transformation

Venue: Harare Institute of Technology, Harare, Zimbabwe & Virtual
Date: 26th – 27th November 2026

ZCICT 2026 seeks to explore the critical intersection of human expertise and machine intelligence. In an era defined by rapid digital transformation, the synergy between human creativity and algorithmic precision has become a societal necessity. As the context of developing economies is considered, where digital divides often persist, it is imperative to develop both technological and human capacity to deploy solutions that are contextually appropriate. Ultimately, this ensures that innovation respects local cultures while solving regional challenges.

This conference serves as a forum for researchers, innovators and industry leaders to discuss how human-machine synergy can drive innovation, accelerate industrialisation, foster inclusion and promote socio-economic development. This is the goal of Education 5.0 framework that creates a shift from mere knowledge acquisition to tangible industrialisation and innovation.

We invite full papers and research in progress that delve into theoretical foundations, practical applications and ethical implications across various areas including but not limited to:

- Human-Centric Digital Transformation
 - Human Computer Interaction
 - AI and digital transformation strategies
 - The evolution of the digital workforce in the AI age
- Intelligent Collaboration and Automation
 - Agentic Computing
 - AI and Robotics
 - Hybrid Human-machine Architectures
- Emerging Infrastructure
 - Cloud and Edge Computing
 - Internet of Things
 - 5G/6G connectivity
- Cybersecurity and Ethics in a digital world
 - Cybersecurity in convergent systems
 - Security Engineering with AI
 - Ethical and Societal implications of autonomous systems
- Technology for Social Good
 - ICT for Sustainable Development
 - ICT4D
 - Smart Systems – Agriculture, e-health
 - Digital solutions for marginalised communities
- Education 5.0 and Future Skills
 - Smart Technologies in Education
 - Creative Development with AI
 - Workforce Development



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The Conference contributions:

- Full Papers –Comprising research papers of 6 to 8 pages (maximum 5,000 words).
- Posters / Demonstrations – These contain implementation information or work-in progress and have two pages at maximum (1,250 words) besides the poster itself (or demonstration) that will be exposed at the conference.
- Tutorials – by scholars or company representatives. A proposal of a maximum of 250 words is expected.
- Panels – Discussions on selected topics will be held. A proposal of a maximum of 250 words is expected.
- Keynote Speeches – Comprising contributions from distinguished scholars and industry experts. An abstract will be included in the conference proceedings.
- Doctoral Consortium – A Doctoral Consortium will meet in groups with related research interests to discuss ongoing work. Reports for PhD work should be a maximum of 4 pages (2,500 words).
- Corporate Exhibitions – Organisations have an opportunity to present state-of-the-art ICT developments and applications in the industry, appraise the audience on future trends to look out for, and through an exhibit booth to showcase their products and services such as ICT infrastructure (hardware, software), tools and services.

Review Process: Papers will be subjected to double-blind peer review

Accepted papers will be published in IEEE Explore proceedings that have ISBN and ISSN numbers

IMPORTANT DATES

Abstract Submission Deadline: 05 July, 2026

Full Paper Submission Date: 16 August, 2026

Acceptance Notification: 16 October, 2026

Final Paper Submission: 1 November, 2026

Registration Deadline: 18 November 2026

Conference Date: 25- 27 November, 2026

Submission Details to be Advised





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Technical Conference Chairs:

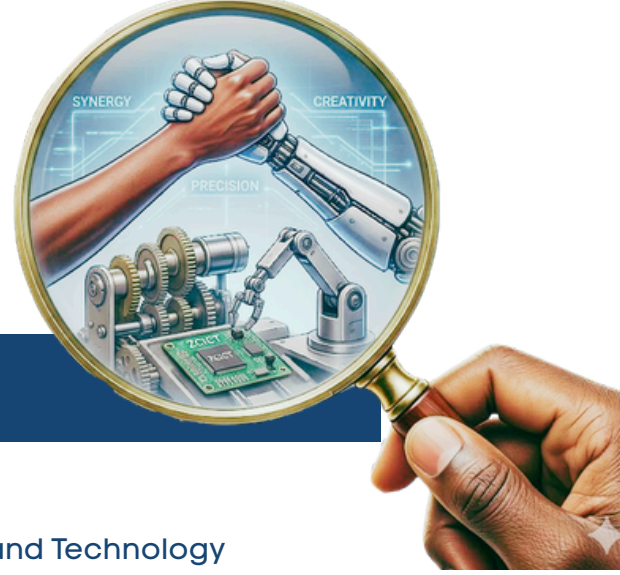
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| Sam Takavarasha Jr | - Women's University in Africa |
| Prudence Kadebu | - Arrupe Jesuit University |
| Dharm Singh | - Namibia University of Science and Technology |
| Meera Joseph | - IIE, IEEE Computer Society chapter chair |
| Robert Jere | - Walter Sisulu University |
| Quinton C. Kanhukamwe | - Harare Institute of Technology |
| Albert Lysko. | - Council for Scientific and Industrial Research |

Local Conference Chairs:

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|--------------------|----------------------------------|
| Rachael Chikoore | - Harare Institute of Technology |
| Monika Gondo | - Harare Institute of Technology |
| Wellington Makondo | - Harare Institute of Technology |
| Chiedza Hwata | - Harare Institute of Technology |
| Arthur Ndlovu | - Harare Institute of Technology |
| Fungai D Mukoko | - Harare Institute of Technology |
| Tawanda Mudawarima | - Harare Institute of Technology |
| Sam Takavarasha Jr | - Women's University in Africa |
| Prudence Kadebu | - Arrupe Jesuit University |

Conference Steering Committee:

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| Sam Takavarasha Jr | Women's University in Africa |
| Prudence Kadebu | Arrupe Jesuit University |
| Meera Joseph | IIE, IEEE Computer Society chapter chair |
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| Tavengwa Masamha | Chinhoyi University of Technology |
| Benny Nyambo | Catholic University of Zimbabwe |
| Fine Masimba | Catholic University of Zimbabwe |
| Samuel Musungwini | Midlands State University |
| Jasper Mangwana | Internet Society Zimbabwe Chapter |



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Technical Program Committee

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