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CALL FOR PAPERS AND EXHIBITIONS

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The 5th Tanzania Annual ICT Conference

Building the Digital Nation: Adapting Digital Competitive Opportunities

<https://taic.ictc.go.tz>

Organized by the Tanzania ICT Commission



www.ictc.go.tz

October 20 - 22, 2021

To be held in Arusha (venue to be confirmed), Tanzania

BACKGROUND

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A “Digital Nation” is a nation embracing digital solutions to improve its efficiency and effectiveness. In a Digital Nation, Information and Communication Technology (ICT) solutions play a central role on socio-economic development. ICT solutions improve business processes and delivery of services and, due to convergence of businesses and technology, new business models and new business opportunities emerge.

The conference aims to bring together national and international stakeholders from ICT sector to share best practices on building a digital nation. These stakeholders include government institutions/agencies, NGOs, financial institutions, health centers, business communities, researchers, academia, instructors and ICT experts/practitioners.

The conference provides a platform for stakeholders to share knowledge and experience on the use of ICT to nurture digital engagement in building sustainable socio-economic of emerging nations. This year’s conference emphasizes innovative ways of building a Digital Nation by motivating digital entrepreneurship, transforming industries and establishing new breed of

companies such as Tech, and Finance and Technology (FinTech) companies. The conference focuses on developing a linkage between ICT and industrial revolution.

FORMAT OF THE CONFERENCE

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The conference will feature paper presentations, panel discussions and exhibitions of innovative ICT solutions from researchers, students in higher learning institutions, incubators, and experts from industries. The event will be for two days and participants will present their papers, exhibit novel solutions and network with other experts. At the end of the conference a panel session will be held to sum up the major findings and contributions of the event.

TOPICS OF INTEREST

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This year's conference is around three areas; (i) Digital economy, (ii) Digital societies and (iii) Digital Governance. In line with the areas, we welcome original, high-quality research contributions, industrial practices, and innovative ideas that advance the state-of-the-art in the design, development, deployment, evaluation and understanding of emerging ICT solutions for building a Digital Nation. Discussion on future plans to promote the use of ICT in various development sectors to enhance their competitiveness and productivity will be considered. Topics of interest include but not limited to;

1. Digital innovation and entrepreneurship
2. Disruptive digital technologies for a digital nation
3. Digital governance in a digital economy
4. Policy and legislative issues related to digital solutions
5. Models, theories and principles for a digital nation
6. Digital solutions for pandemics such as COVID-19
7. Cyber threats in a digital nation
8. E-commerce and e-readiness
9. Platform economy and Fintech
10. Internet connectivity in a digital nation
11. Data and information management in a digital economy
12. Spectrum resource allocation and management
13. Smart homes, offices, factories and cities
14. Internet and Internet technologies
15. Augmented Reality/Virtual Reality
16. Unmanned Aerial Vehicles (UAVs) and sensors
17. Free and Open Source Software

SUBMISSION AND REVIEW DETAILS

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We encourage submissions from researchers and practitioners from academia and industry. Full papers should not be less than 6 pages but not more than 9 pages, using IEEE format, describing original work or a position paper. Extended abstracts (suitable for PhD candidates and practitioners in early stages of their research works) should not exceed 4 pages including introduction, body of knowledge and conclusion, supported by not more than 10 references. For exhibition of a novel ICT solution, a brief summary of the solution should not exceed 2 pages detailing technical aspects of the solution, its rationale, and key beneficiaries.

Papers, extended abstracts and summaries of novel ICT solutions must be submitted through an online system at www.taic.ictc.go.tz. A submission should be in a word document format (.doc) only. All papers will be fully reviewed by at least two reviewers and before final acceptance all reviewers' comments must be considered.

Selected full papers, extended abstracts and summaries of novel ICT solutions will be published in the conference proceedings. An electronic version of the proceedings will be published online at www.taic.ictc.go.tz. A selected paper, an extended abstract or a summary of a novel ICT solution shall only be included in the proceedings if presented during the conference. Therefore at least one author of a selected paper, an extended abstract or a summary of a novel ICT solution MUST register to attend the conference for presentation.

JOURNAL PUBLICATION OPPORTUNITY

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Few selected papers will be considered, after a lengthily extension and modification, to be published in special issues of prestige journals published by Springer. The list of the journals will be published at www.taic.ictc.go.tz.

IMPORTANT DATES

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Submission Deadline: August 20, 2021

Notification of Acceptance/Rejection: September 18, 2021

Camera-ready Submission: October 08, 2021

Conference: October 20 - 22, 2021

TECHNICAL COMMITTEE IN ACADEMIC MATTERS

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Dennis Lupiana, [Institute of Finance Management](#), Tanzania

ENQUIRIES

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For enquiries please write an email to taic@ictc.go.tz and a member of the technical team will revert to you within 24 hours.