**Call For Papers**

It is with great pleasure that we invite you to the first “**International Conference on Computation, Communication and Interaction Technologies (ICCCIT 2023)”** which will be held virtually on February 24-25, 2023. The aim of the conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the field of health and wellbeing, intelligent systems and interaction technologies.

The conference programme will include regular paper presentations in parallel tracks, along with invited talks by prominent keynote speakers and a PhD research Consortium. All submitted papers will be reviewed by at least 3 members of the international program committee; additional reviewers will be consulted if needed. Paper acceptance will be based on originality, significance, technical soundness, and clarity of presentation.

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List of Topics

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Topics of contributing papers include, but are not limited to, the following areas:

**Track 1: Intelligent Systems**

Artificial Intelligence  
Distributed Intelligence  
Intelligent decision-making systems

Intelligent Communication

Intelligent interfaces

Intelligent Security Mechanisms

Multi-agent Systems  
Data Mining

Autonomous Systems

Swarm Intelligence

Real-time Computing Systems  
Hybrid systems of computational intelligence

Artificial Life

Smart Environments and Housing

Computer vision, robotics and perception

Medical image processing, recognition and diagnostics with application of intelligent methods  
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**Track 2: Interaction Technologies**  
  
Human-Computer Interaction

Ubiquitous Computing

Interactions and Visualizations of Data

Natural and 3D User Interfaces

Human Modeling

Wearable Technologies and Sensors

3D interaction in Virtual reality Environments

Human-Machine Systems

Social and Affective Computing

Cognitive Science

Security, Privacy and Trust

Web and Mobile Interactions

IoT Technologies

Game Design

Usability and User Experiences

Digital Collaborative Technologies

**Track 3: Health and Well-being Technologies**

E-health and Mobile health

Electronic Health Record Systems

Multimodal Assistive Medical Devices

Telemedicine and Telematics Systems

Healthcare and information technologies  
Digital hospital management

Remote Monitoring  
Technology and infrastructure for healthcare  
Nursing informatics  
Healthcare and analytics  
Blockchain Technology for healthcare

Algorithms, methods and services for condition-specific intervention (e.g., diabetes, pregnancy, obesity, dementia, post cancer treatment, allergies, mental health).

Medical data and image analysis

Digital systems for active and healthy aging

IoT and Smart Surveillance Systems

Quality Assurance in Healthcare Systems

Privacy, Security and Ethical policies in healthcare

Tele-Rehabilitation

Neural sensory Systems and Rehabilitation

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Submission Guidelines

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Authors are invited to submit original, previously unpublished research papers, proposing novel solutions or describing particular challenges or experiences relevant to the scope of the conference.

Authors can submit their work in the form of a complete paper or an abstract, but please note that accepted abstracts are presented but not published in the proceedings of the conference. Complete papers can be submitted as a Regular Paper, representing completed and validated research, or as a Position Paper, portraying a short report of work in progress or an arguable opinion about an issue discussing ideas, facts, situations, methods, procedures or results of scientific research focused on one of the conference topic areas.

Submission of the paper implies agreement of the author(s) to attend the conference and present the paper if accepted. We reserve the right to exclude papers accepted but not presented from the conference proceedings submitted for archiving and indexing.

All accepted complete papers will be published in the conference proceedings, under an ISBN reference, on paper and on digital library with a DOI (Digital Object Identifier). The proceedings will be submitted for indexation by SCOPUS, Google Scholar, DBLP, Semantic Scholar, EI and Web of Science / Conference Proceedings Citation Index.

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Important Dates

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**Regular Papers**

Paper Submission: **December 15, 2022**  
Authors Notification: **January 9, 2023**  
Camera Ready and Registration: **February 7, 2023**

**Position Papers**

Paper Submission: **January 9, 2023**  
Authors Notification: **February 7, 2023**  
Camera Ready and Registration: **February 14, 2023**

**Doctoral Consortium**

Paper Submission: **January 10, 2023**

Authors Notification: **February 1, 2023**

Camera Ready and Registration: **February 14, 2023**

**Demos**

Demo Proposal: **January 14, 2023**

**Abstracts**

Abstract Submission: **January 1, 2023**

Authors Notification: **January 14, 2023**

Camera Ready and Registration: **January 22, 2023**

Committees  
  
Program Committee

Contact  
  
For any problem during the submission process, please, send an email to: