# The 14th International Conference on
# Intelligent Human Computer Interaction (IHCI-2022)

**October 20th-22nd, 2022**
**TUIT, Tashkent, Uzbekistan**

**Springer**
**Lecture Notes in Computer Science**
LNCS | LNAI | LNBI

# Call for Papers

**Intelligent Human Computer Interaction (IHCI)** is a fast-growing annual conference where researchers from around world meet to explore the latest development and research challenges in the many aspects of interdisciplinary HCI. It includes UI/UX design, comprising visual and natural language interaction to application of AI, machine learning, data analytics and applied perception for building improved and effective interfaces for communication and interaction with information systems and appliances. In addition, the theme of the fourteenth event is **"Interactive technologies for post-Covid Era"**, having special tracks related to the main theme of the conference. This conference will bring together people from academia, industry, and research from organizations all over the world. It will give its participants an opportunity to present and learn about cutting-edge work in this focused area. The IHCI-2022 conference will be hosted by Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, Tashkent, Uzbekistan on October 20 - 22, 2022.

To meet this objective, we invite original research contributions. The following is a sample but not a complete list of topics of interest.

- The proceeding of IHCI-2021 can be accessed at https://link.springer.com/book/10.1007/978-3-030-98404-5
- The call for paper of IHCI-2022 can be found at https://easychair.org/conferences/?conf=ihci2022

## *Topics of interest include, but are not limited to:*

### Interaction design
Interface for Context Sensitive Applications
Language and speech interfaces
Intelligent wearable, mobile, and ubiquitous interfaces
Multi-modal interfaces and Haptic in HCI
Brain-Computer/Brain-Machine Interface
Soft Computing for Machine Interface
Intelligent, Interactive visualization tools
Affective and aesthetic interfaces
Interface Design for Accessibility
Cognitive Interface Design
Ontology for Interface Design

### AI & Data
Interactive Machine learning
Generation of multi-modal content
Agent based Intelligent User Assistance
Cognitive Learning Analytics
Recommender systems and Social media analysis
Intelligent systems and signal processing

### Healthcare and Education
Cyber Security && Blockchain in HCI
Pedagogical technologies
Early Childhood Education in HCI
E-Learning in HCI
Healthcare system for Covid
AI for mental health crisis

### Extended Interaction
Ubiquitous & Virtual Worlds in HCI
Augmented /Virtual /Extended Reality
Cloud computing in HCI
Human-Sensor Interaction
Human-Robot Interaction
Therapy and Rehabilitation
Telehealth in HCI
Assisted and Enhanced Living Host
HCI in art and entertainment
Art pieces supported by HCI
Sound design for HCI
Wearable and Fashion

## How to submit
**Full papers** (10~12 pages, including references) are invited that describe developed work. Authors of papers reporting experimental work are encouraged to make their data and experimental results available online or via data publication.
**Poster/ Short papers** (4~6 pages, including references) are invited to share novel ideas that may not have been fully developed but are in progress.
**Demonstration papers** (4~6 pages, including references) are also invited to demonstrate novel and interesting implementations of IHCI concepts. Presenters of both full and short papers may request a demonstration session also.
**Abstract papers** (1~2 pages) are considered to invite to forum discussions and doctoral students are encouraged to submit their research in progress abstracts.

- Full details of submission procedures and requirements for authors as well as manuscript templates are available at http://ihci.tuit.uz /

All papers must be submitted electronically on Easy Chair at: https://easychair.org/conferences/?conf=ihci2022

## Workshop/ Special Session Chairs
We welcome experts to host their special session/workshop in the IHCI-2022. The session chairs are authorized to recommend the best paper award from their session and an extended version of the papers to the special issues of an SCIE Journal.

- Prospective authors can contact us at ihci22k@gmail.com
- Prospective session/workshop organizers can contact us at ihci22@tuit.uz or dsingh@hufs.ac.kr

## Conference Type
Due to the COVID-19 pandemic situation, the IHCI-2022 conference is planned to be hosted in a hybrid format of "On-site" and "Virtual" presentations originating at Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, TUIT, Tashkent, Uzbekistan | October 20 ~ 22, 2022. For more inquiry, you may contact ihci22@tuit.uz or dsingh@hufs.ac.kr

## Publication of Proceeding
The proceedings of the conference will be published in Lecture Notes on Computer Science (LNCS), Springer, and is indexed in Scopus, Google Scholar, DBLP, and ACM Digital Library. We have several special sessions and selected papers from the special sessions will get an opportunity to submit their paper for the special issues of the following SCIE Journals and Springer book series of "**Blockchain Technologies**". Special session chairs are encouraged to recommend the "**best paper award**" and the following SCIE Journal special issues from their session:

- MDPI SCIE Journals discounted APC: 10% – 50%
- Electronics (IF-2.4), Sensors (IF-3.33), Sustainability (IF-2.6)

## Important Dates

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| Full Paper Submission Deadline | ~~July 21, 2022~~ August 8, 2022 |
| Student Forum/Poster/Demo | July 31, 2022 |
| Acceptance Notification | August 30, 2022 |
| Camera Ready Submission | September 10, 2022 |
| Registration Open | September 20, 2022 |
| Early Bird Registration Deadline | September 30, 2022 |

## Registration

| Registration Type and Fees | Onsite Presentation | | Online Presentation | | Additional pages fee |
|---|---|---|---|---|---|
| | Early Bird | On Desk / Late Registration | Early Bird | Late Registration | Extra charge per page |
| Academic attendee | $ 600 USD | $ 700 USD | $ 250 | $ 300 | $ 50 |
| Student attendee | $ 400 USD | $ 500 USD | $ 250 | $ 300 | $ 50 |
| General attendee | $ 700 USD | $ 800 USD | $ 300 | $ 400 | $ 75 |
| *Notes | 50 % discount for Onsite participants from Uzbekistan | | | | |

## Student Travel Scholarship
- IHCI offer limited participation grants for online & onsite participation. You may find more information at http://ihci.tuit.uz/