12th International Conference on Intelligent Human Computer Interaction 2020

IHCI-2020 Conference is planned to be hosted as both "On-site" and "Virtual"

24-26 November 2020, EXCO-Daegu, South Korea

Springer Lecture Notes in Computer Science (LNCS, LNAI, LNBI)

Keynote Speakers

Prof. P. Nagabhushan
Director, Indian Institute of Information Technology, Allahabad, (IIIT-A) India

Prof. Maode Ma
School of Electrical and Electronics Engineering, Nanyang Technical University, Singapore

Prof. Dugan Um
Department of Mechanical Engineering, Texas A&M University, USA

Prof. Ajay Gupta
Department of Computer Science, Western Michigan University, USA

Invited Speakers

Prof. Yeon-Ho Chung
HOD, Dept. of ICE.
Pukyong National University, Busan, Korea

Prof. James R. Reagan
Former Vice Dean
ECIS, Woosong University, Daejeon, Korea

Prof. Mario J. Diván
Universidad Nacional de La Pampa, Argentina

Prof. Jae-Hee Park
Department of Electronic Engineering, Keimyung University, Daegu, Korea

Prof. Antonio M. Alberti
National Institute of Telecommunication Santa Rita do Sapucai, Brazil

Prof. M. Shridhar,
Electrical & Computer Eng., University of Michigan-Dearborn, USA

Prof. Rodrigo Righi
Chair of the Applied Computing Graduate Program, UNISINOS, Brazil

Dr. Antonio Jara
Founder/CEO,
HOP Ubiquitous, Spain

Prof. Boon Giin Lee,
University of Nottingham Ningbo, China

Prof. Gaurav Trivedi
Indian Institute of Technology, (IIT) Guwahati, India

Special Session Chairs

Cognitive Modeling and Systems

Prof. Uma Shanker Tiwary
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Indian Institute of Information Technology-Allahabad, (IIIT-A), India

Human-Computer Interfaces in Developing Countries

Dr. Suzana Brown
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Dr. Mark D. Whitaker
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Cognitive Learning Analytics

Prof. Arvind W Kiwelekar
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Dr. Babasaheb Ambedkar Tech. University, Lonere, India

Prof. Kenneth A. Yates
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Co-Director, CHARIOT: Center for Human Applied Reasoning &IOT, University of Southern California, USA

Intelligent System for Modeling and Complex Problem Solving

Dr. Mohd Helmy Abd Wahab
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Prof. Masoud Mohammadian
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Intelligent Human-Health Informatics System

Prof. Jan Willem van't Klooster
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University of Twente, The Netherlands

Prof. Thierry Oscar Edoh
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Research Associate Professor, Dep. Regulatory Affairs / Inst. of Pharmacy, Bonn University, Germany

Human-Centered AI Applications

Prof. Eui-Chul Lee
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Dean of Information & Comm., Dept. of Intelligent Eng. Info. for Human, Sangmyung University, Seoul, Korea

Wavelets Transformation in HCI

Prof. Hakimjon Zaynidinov
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Head in the Dept. of Info. Tech., Tashkent University of IT, Uzbekistan

Adaptive Security in HCI

Irish Singh
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Human Computer Interaction for Intelligent Usability Test System

Prof. Jong- Ha Lee
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Department of Medical Engineering, School of Medicine, Keimyung University, Daegu, Korea

Operator 4.0: Intelligible Industrial Systems

Dr. Jia Uddin
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Dr. Muhammad Sohaib
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Intelligent Brain-Computer Interface

Dr. Shyam Perugu
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Dr. Nagamani M.
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- **Poster and Student Papers**

We welcome interested students and industrial researchers to submit their latest research works in the IHCI-2020. Authors can accordingly submit their paper as a full paper and/or short paper.

- **Publication of Proceeding**

The proceeding of the conference will be published **Springer** in **Lecture Notes on Computer Science (LNCS),** Springer and is *indexed in Scopus, Google Scholar, DBLP, ACM Digital Library etc*.
The extended version of the selected papers will be considered for submission in the special issues of the following SCIE Journals:

- **Special Issue Journals**

Multimedia tools and applications, Springer (IF: 2.3) non-paid
Journal of Big Data, Springer, (Q-1 Journal) non-paid
MDPI SCIE Journals discounted APC: 10% - 50%
Electronics (IF-2.4); Sensors(IF-3.33); Sustainability
International Journal of Embedded Systems non-paid

Topics of Interest

The conference will bring together people from academia, industry and research organizations. It will give its participants an opportunity to present and learn about cutting-edge work in the field of Hunan-Computer Interaction. To meet this objective we invite original research contributions on the following topics of interest.

- Intelligent wearable and mobile interfaces
- Blockchain in HCI World
- Augmented Reality/Virtual Reality
- Brain-Computer/Brain-Machine Interface
- Cognitive Learning Analytics
- Cyber Security in HCI
- Human-Robot Interaction
- Interface Design for Accessibility
- Interactive visualization tools
- Language and speech interfaces
- Interactive machine learning
- Soft Computing for Machine Interface
- Cognitive Interface Design
- Bio-Inspired Computing

How to Submit

- **Full papers (10-to-12 pages)**

Authors are encouraged to submit full-length papers reporting novel ideas and/or experimental work in the field of HCI and related research domains.

- **Short papers (4-to-6 pages)**

Authors are encouraged to submit the works describe novel ideas that have not been fully developed or evaluated for its usability. Full details of submission procedures and requirements for authors, **manuscript templates** are available on the IHCI conference at http://ihci20k.info/

Important Dates

• **Paper Submission Firm**	~~Sept. 15, 2020~~
• **Deadline**	**Sept. 30, 2020**
• **Notification of Acceptance**	Oct. 10, 2020
• **Camera Ready Submission**	Oct. 15, 2020
• **Program schedule available**	Oct. 30, 2020
• **Conference Date**	Nov. 24-26, 2020

- **All papers must be submitted electronically**
- **EasyChair:** https://easychair.org/my/conference?conf=ihci2020

General Chairs

Prof. Wan-Young Chung
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Prof. Dhananjay Singh
Dept. of Electronic Engineering, Hunkuk University of Foreign Studies, (HUFS), Seoul, Korea
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Registration Fees

50 % off

Participation Type	On-site	Online/Virtual
	500 USD / 500,000 KRW	250 USD / 250,000 KRW

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Technical Program Chairs

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