

Preface

The 2022 7th International Conference on Information Science, Computer Technology and Transportation (ISCTT 2022) was successfully held online through Zoom on May 27-29, 2022. Due to COVID-19 and the pandemic-related nationwide lockdowns and other coordinated restrictive measures, the organizers decided to hold a conference in a virtual format with the organization of access for all participants to the presented reports with comprehensive discussion for ensuring the event at a high scientific level.

The previous conferences of ISCTT took place in Howard Johnson Flower City Hotel Shancha Yuan (Kunming, 2016), Haikou (2017), Xi'an (2018), Harbin (2019), Shenyang (2020) and Guangzhou (online) successfully. As annual conference, it will be held in China every year, where more than 500 attendees from 10 countries all around the world have taken part. ISCTT 2022 comes back this year and it provides a valuable opportunity for researchers, scholars and some scientists to exchange their ideas face to face together. ISCTT 2022 is very special for its strong organization team, dependable reputation and wide sponsors all around the world, which is the leading annual conferences of informatics engineering & information science for all researcher home and abroad.

The safety and well-being of all conference participants is our priority. The COVID-19 is unpredictable, so conference postponement met uncertainty, while many scholars and researchers want to attend this long-awaited conference and have academic exchanges with their peers. But I want to note that there are no barriers to science, and we continue to work on our research areas remotely, using modern technical means. Under this situation, the conference model was divided into three sessions, including oral presentations, keynote speeches, and online Q&A discussion. In the first part, some scholars, whose submissions were selected as the excellent papers, were given about 5-10 minutes to perform their oral presentations one by one. Then in the second part, keynote speakers were each allocated 30-45 minutes to hold their speeches.

More than 260 participants attended the meeting. There were over 20 experts and scholars in the area of Information Science, Computer Technology and Transportation representing different famous universities and institutes around the globe to form Conference Committees.

In the keynote presentation part, we invited four professors as our keynote speakers. The first keynote speakers, Professor M.Vijayalakshmi, Thiagarajar College of Engineering, India. Her research interests include Computer Networks, Artificial Intelligence, Information Science and Engineering. Professor Sandeep Saxena, our second keynote speakers, from IMS Unison University, India. His main research directions: Information Security, Permissioned Blockchain, Energy Efficient Cloud Task Scheduling, Vulnerability Assessment. Professor Xiaofang Yuan, Hunan University, China. His research interests include Intelligent automation engineering and application, key technologies of new energy vehicles, robot motion control. Our finale keynote speaker, Dr. Aslina Baharum, University Malaysia Sabah, Malaysia. Her main research directions: UX/UI, HCI/Future Interaction Design, Software Engineering & Development, Information Visualization & Analytics, Multimedia and Entrepreneurship. Her workshops and talks covered Entrepreneurship, Video Editing, E-Commerce, AR and VR in STEM, Design Thinking and etc.

We are glad to share with you that we received lots of submissions from the conference and we selected a bunch of high-quality papers and compiled them into the proceedings after rigorously reviewed them. These papers feature following topics but are not limited to: Information Science, Computer Technology, Electrical Engineering, Data Analysis and Database and other related topics. All the papers have been through rigorous review and process to meet the requirements of international publication standard.

We are really grateful to the International/ National advisory committee, keynote speakers, session chairs, organizing committee members, student volunteers and administrative assistance of the management section of University, including accounts section, digital media and publication house. Also, we are thankful to all the authors for contributing a large number of papers in the conference, because of which the conference became a story of success. It was the quality of their presentations and their passion to communicate with the other participants that really make this conference series a great success.

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