

## The Preface

We are pleased to announce that 2022 3rd ISC International Conference on Intelligent Systems and Control in Fashion and Textile Engineering (ISC-FTE 2022) has been held on April 26-28, 2022, Macau, Special Administrative Region (SAR) of the People's Republic of China.

Macau is a Special Administrative Region (SAR) of the People's Republic of China. Located across the Pearl River estuary from Hong Kong, Macau was until 1999 an overseas territory of Portugal. One of the world's most densely populated spots, Macau generates more revenue from gambling than anywhere else on the planet, including more than seven times the revenue generated by "The Strip" in Las Vegas.

2018 2nd AASRI International Conference on Intelligent Systems and Control (ISC 2018) had been held in Lima, Peru, December 27-29, 2018. ISC 2018 is sponsored by American Applied Sciences Research Institute, USA. ISC 2018 is also technically co-sponsored by University of Wisconsin, USA, University of Gothenburg, Sweden and Aalto University, Finland. ISC 2018 Papers had been published by MATEC Web of Conferences (ISSN: 2261-236X), Volume 267, 2019, which had been archived in EDP Sciences Digital Library, been indexed by Ei Compendex and Scopus, and Conference Proceedings Citation Index (CPCI) successfully.

The goal of ISC-FTE 2022 is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of Control and Automation, Communications and Information technology, Computer, Sustainable Fashion and Textile Engineering.

Control engineering or control systems engineering or Automation engineering is an engineering discipline that deals with control systems, applying control theory to design equipment and systems with desired behaviors in control environments. The discipline of controls overlaps and is usually taught along with electrical engineering and mechanical engineering at many institutions around the world.

The practice uses sensors and detectors to measure the output performance of the process being controlled; these measurements are used to provide corrective feedback helping to achieve the desired performance. Systems designed to perform without requiring human input are called automatic control systems (such as cruise control for regulating the speed of a car). Multi-disciplinary in nature, control systems engineering activities focus on implementation of control systems mainly derived by mathematical modeling of a diverse range of systems.

Information and communications technology (ICT) is an extensional term for information technology (IT) that stresses the role of unified communications and the integration of telecommunications (telephone lines and wireless signals) and computers, as well as necessary enterprise software, middleware, storage and audiovisual, that enable users to access, store, transmit, understand and manipulate information.

ICT is also used to refer to the convergence of audiovisual and telephone networks with computer networks through a single cabling or link system. There are large economic incentives to merge the telephone network with the computer network system using a single unified system of cabling, signal distribution, and management.

Textile manufacturing is a major industry. It is largely based on the conversion of fibre into yarn, then yarn into fabric. These are then dyed or printed, fabricated into cloth which is then converted into useful goods such as clothing, household items, upholstery and various industrial products. Overall, many things can be made with cotton, not just clothing. Automation, includes the use of various equipment and control systems such as machinery, processes in factories, boilers, and heat-treating ovens, switching on telephone networks, steering, and stabilization of ships, aircraft, and other applications and vehicles with reduced human intervention.

ISC-FTE 2022 is co-sponsored by American Applied Sciences Research Institute, USA, Universidad de Sevilla, North America of Alumni Association, USA, ISC-FTE 2022 is also Technically Co-sponsored by Yangon ACM Chapter, Myanmar.

ISC-FTE 2022 received 141 submissions. All full submissions were peer reviewed and evaluated based on originality, technical and research content depth, correctness, relevance to conference, contributions, and readability. Submissions were chosen based on technical merit, interest, applicability, and how well they fitted a coherent and balanced technical program. Finally, only 35 best papers were selected as regular papers with the acceptance rate at about 24.8%. iThenticate software was also used for plagiarism detection to ensure the originality of ISC-FTE 2022 proceedings.

The success of this truly international conference is attributed to the efforts of the organizing committee. We also want to thank all the invited speakers, oral and poster presenters, reviewers of manuscripts, and participants of the conference who have contributed to the success of this international conference.

We would like to express our deep appreciation and gratitude to all the people who review the submissions. Then we would also show our sincere thanks to all staff without whose help we can't carry out the important steps during the process of conference preparation. In addition, thanks for your support and participation.

Sincerely

Publication Co- chairs

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