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ICEMIS'20

The International Workshop on Digital Technologies in Education, Science and Industry
2020 (DTESI'20) in Conjunction with ICEMIS'20

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Forward

Welcome to the 6th International Conference on Engineering and MIS 2020 (ICEMIS'20). We are pleased in the interest that this conference receives from the research and practitioner communities with representative from International Information Technology University (IITU), Almaty, Kazakhstan and abroad.

First of all, I would like to take this opportunity to thank the International Association of Researchers (IARES Inc., Canada) for their support throughout all the preparation stages for this conference. Without their help and cooperation ICEMIS 2020 would not have been possible.

As part of our ongoing effort to effectively contribute in the development of research within the middle-east region, we aim for this conference to be the seed for many more conferences to come. ICEMIS 2020 aims to bring together academics, researchers, and students in order to offer the chance for everyone to present their work and scientific achievements, and exchange expertise in the fields of applied engineering, computing, Cloud, IoT, Fog computing, Big Data and other related topics. The ICEMIS 2020 proceedings will be included in the ACM Digital Library. Also the 1st International Workshop on Digital Technologies in Education, Science and Industry 2020 (DTESI'20) was held in IITU in Conjunction with ICEMIS'20.

As shown in the reference section, after the fabulous success in ICEMIS 2015, 2016, 2017, 2018, 2019, 2020; ICEMIS series builds on the last six years' successful events and brings together academics and practitioners in the fields of engineering, computing, information technology, and management information systems. Finally, I would like to thank all those who have contributed towards the success of this conference, especially the members of the organizing committee, the proceedings committee, and everyone else who made a contribution. To all the participants and volunteers of ICEMIS 2020, I hope you find this conference a rewarding experience which will aid you towards more achievements, and I wish you a pleasant and enjoyable stay in Kazakhstan.

Prof. Dr. Shadi A. Aljawarneh
Conference TPC Chair

: EDITORIAL

Proceedings of the 6th International Conference on Engineering and MIS 2020

The 6th International Conference on Engineering & MIS 2020 will take place in the International Information Technology University (IITU), Manas Street 34/1, Almaty, Kazakhstan, 14-16 September, 2020. The 6th ICEMIS 2020 is co-sponsored by UCLan Cyprus and IARES Inc., Canada.

The conference has the focus on the frontier topics in the theoretical and applied engineering and MIS subjects such as Cloud computing, Fog computing, Machine Learning, Deep Learning, Data Science and Engineering, Computer Engineering, Networks, Management Information Systems, E-learning, Bioinformatics, System Engineering and other related topics. The ICEMIS conference serves as good platforms for our members and the entire engineering and MIS community to meet with each other and to exchange ideas [1]-[93].

Most modern deep and machine learning research is devoted to improving the accuracy of prediction. However, less attention is paid to deployment of machine and deep learning systems, supervised /unsupervised techniques for mining healthcare data, and time series similarity and irregular temporal data analysis [1] – [93]. Most deployments are in the cloud, with abundant and scalable resources, and a free choice of computation platform. However, with the advent of intelligent physical devices—such as intelligent robots or self-driven cars—the resources are more limited, and the latency may be strictly bounded [1] – [93].

To address these questions, the focus of this conference is on Applied Engineering and Computing designs, implementations and techniques, including both system level topics and other research questions related to the general use and framework of computing algorithms [1]-[93].

The “Call for Papers” aroused great enthusiasm in the scientific community and received 300 submissions. Out of these, 105 articles were accepted for inclusion in the proceedings after a thorough revision process by at most two independent referees.

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112	On -Site Hybrid System Performance Analysis P Benghazi Wind P Solar P Thermal WPVT	Yousef Sassi:Faculty of petroleum Engineering Technique,-;Salwa Almoshity,College of Electrical and Electronic Technology Benghazi;Mohamed Elkuafi,The Higher Institute of Comprehensive Professions-Qaminis;Yousef Kardo:Faculty of petroleum Engineering Technique,Independent;Muetaz Mohammed:Faculty of petroleum Engineering Technique,Independent;Mohamed Afdheel:Faculty of petroleum Engineering Technique,Independent;Abdelrahman Alhassi:Faculty of petroleum Engineering Technique