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Dear readers

The articles in this special *issue are selected from the proceedings of the 1st international conference of computers and information that was held on 7th of September 2021, at the faculty of computers and information, Menofia university, Shebin-el-kom. All selected articles are peer reviewed in accordance with our published policy. Each published article was reviewed by a minimum of two independent reviewers using a single-blind peer review process, where the identities of the reviewers are not known to the authors, but the reviewers know the identities of the authors. Articles were screened for plagiarism before notifying authors with acceptance.*

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Dec. 4th, 2021

ICCI2021

1st International Conference on Computers and Information, Menoufia University, Egypt

Edited by

Prof. Ashraf B. Elsisi

Prof. Khalid M. Amin

Faculty of Computers and Information, Shebin El-Kom, Egypt

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Keynote Speaker

Aboul Ella Hassanein is the Founder and Head of the Egyptian Scientific Research Group (SRGE) and a Professor of Information Technology at the Faculty of Computer and AI, Cairo University. Professor Hassanien has more than 1000 scientific research papers published in prestigious international journals and over 60 books covering such diverse topics as data mining, medical images, intelligent systems, social networks and smart environment. His other research areas include computational intelligence, medical image analysis, security, animal identification, space sciences and telemetry mining and multimedia data mining.

Innovations for Intelligent Computing: Trends and Open Problems

Professor at Cairo University
Faculty of Computers & Artificial Intelligence
Founder and Chair of the Scientific Research Group in Egypt
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Abstract: intelligent computing (IC) is being rapidly integrated into many areas of computer engineering in particular by exploiting new developments in machine learning. Areas such as drones, IoT, computational imaging, biomedical engineering, bioinformatics, and chemo informatics are greatly benefit from recent advances in deep learning. AI and big data are work together to achieve more. This talk will discuss the basics of the intelligent computing and its connection with the big data. It explores the applications in different areas and highlights the current research. Discuss also some recent research problems in different applications including heritage, medical imaging, drones-based applications, chemo-informatics, agriculture, and Energy.

Welcome Message
from the Conference Chair

Dear Colleagues

It is a great pleasure for me to chair the 1st International Conference on Computers and Information – ICCI2021 that will take place at Menoufia, Egypt, on the 7-8 September 2021. I'm pleased to welcome you at Faculty of Computers and Information.

This year, ICCI2021 is organized by co-operation between faculty departments. The program committee organized an interesting agenda of 27 contributed papers and one invited talk. The papers are grouped into 5 regular sessions containing invited talk and papers on Tuesday morning and afternoon. After each talk of 20 minutes, about five minutes for questions and discussion is foreseen.

The local committee has handled the entire organization, and I want to thank all members for their large engagement to realize this conference. Please contact them in the workshop office if you have any question during the workshop.

Dean of Faculty of Computers and Information
(chairman of the ICCI2021 programme committee)

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