

International Journal on Islamic Applications in Computer Science and Technology

Volume 10 Issue 3
September 2022

International Journal on Islamic Applications in Computer Science And **Technology** 

Volume 10, Issue 3, September 2022

**EDITED BY** 

Prof. Dr. Mohammed Zeki Khedher

ISSN (Online): 2289-4012

International Journal on Islamic Applications in Computer Science and Technology is published both in traditional paper form and in Internet. This journal is published at the website http://sign-ific-ance.co.uk, maintained by Design for Scientific Renaissance, Malaysia.

Some of the papers published in this periodical may contain personal opinions which are the responsibilities of the authors and are not necessarily agreed by the editor of the periodical

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, re-use of illustrations, recitation, broadcasting, reproduction on microfilms or in any other way, and storage in data banks. In its current version, and permission for use must always be obtained from Design for Scientific Renaissance.

Design for Scientific Renaissance

Malaysia

Typesetting: Camera-ready by author

#### **Editor-In-chief**

- Prof. Dr. Mohammed Zeki Khedher, Jordan University, Jordan

#### **Advisors**

- Prof. Dr. Zaghloul al-Najjar, The World Islamic Science and Education University, Jordan
- Prof. Dr. Hany Ammar, West Virginia University, USA
- Prof. Dr. Idris Al-Kharchaf, University of Mohammed V, Rabat, Morocco

## **Managing Editor**

- Dr. Akram M. Zeki, International Islamic University Malaysia, Malaysia

#### **Assistant Editor**

- Dr. Mustafa Ali Abuzaraida, Misurata University, Libya

#### **Editors**

- Prof. Dr. Abdelhak Lakhouaja, Mohammed First University, Morocco
- Prof. Dr. Abdelkader Adla, University of Oran 1 Ahmed Benbella, Algeria
- Prof. Dr. Abdeslam JAKIMI, Moulay Ismail University, Meknes, Morocco
- Prof. Dr. Adnan Abdul-Aziz Gutub, Umm Al-Qura University, Makkah, Saudi Arabia
- Prof. Dr. Ahmed Ferchichi, University of Tunisia, Tunisia
- Prof. Dr. Teddy Montoro, Universitas Siswa Bangsa International, Indonesia.
- Dr. Abdelbasit Mohamed Sharif Mohamed, International University of Africa, Sudan
- Dr. Abdellah Yousfi, University of Mohamed V, Morocco
- Dr. AbdulSattar M. khidhir, Mosul Technical Institute, Iraq
- Dr. Ali A. Alwan, International Islamic University Malaysia, Malaysia
- Dr. Hikmat Ullah Khan, COMSATS Institute of Information Technology, Pakistan
- Dr. Ibrahim Suliman Ahmed Ashmaiq, International Islamic University Malaysia, Malaysia
- Dr. Jamil Itmazi, Palestine Ahliya University, Palestine
- Dr. Marzanah A. Jabar, Universiti Putra Malaysia, Malaysia
- Dr. Mohamed Tahar Ben Othman, Qassim University, Saudi Arabia
- Dr. Mohammad Abdolshah, Islamic Azad University, Iran
- Dr. Mohammad Said Desouki, Higher Institute of Applied Science and Technology, Syria
- Dr. Nor Hasbiah Ubaidullah, Sultan Idris Education University, Malaysia
- Dr. Omar Tayan, Taibah University, Saudi Arabia
- Dr. Rashid A. Saeed, Sudan University of Science and Technology, Khartoum, Sudan
- Dr. Talaat Wahby, Sudan University of Science and Technology, Sudan
- Dr. Yousef Daradkeh, Salman Bin Abdulaziz University, Saudi Arabia
- Dr. Yousef Farhaoui, Moulay Ismail University, Morocco
- Dr. Youssef Iraqi, Khalifa University, UAE
- Dr. Youssef Zaz, Abdelmalek Essaadi University, Morocco

## **Foreword**

By the grace of Allah, it is a great pleasure to introduce this issue of **The International Journal on Islamic Applications in Computer Science and Technology** 

The success and the welcome of this Journal by researchers from many countries, gave us great encouragement for continuing issuing in the due time.

This Journal is aimed at publishing original research papers in the field of Islamic Applications in computer science and technology. This field is catching a momentum in the recent years. As a Journal interested in this field, it is the first International Journal of its specific field. As research is growing in this field, we hope that this Journal will be a platform for researchers working in the field to publish their research.

This issue contains two papers. The first one is entitled of **The Usage of Social Media based on Islamic Revelation.** 

Social media is a technology used by the world community, and especially the Muslim community, it can be used to communicate, share information and news easily and many more. As a result, social media has a role as an agent to help spread the religion of Islam. Various types of social media can be found such as Facebook, Instagram, YouTube, WhatsApp, and Twitter. All of these must have their own advantages and disadvantages depending on how they are used. The purpose of this study is to discuss the ways of using social media guided by the revelation of Islam, the Quran and Hadith. In conclusion, Muslims who use social media must use it well in order to be a role model for the world community.

## The second paper is entitled of The Impact of COVID-19 on Cybersecurity

COVID-19 pandemic-imposed restrictions on individuals' daily lives and attempted to prevent coronavirus spread and forced many governments to impose social distancing in all sectors, which caused everyone to work remotely. Many challenges have emerged due to the changes that occurred in our lives in 2020. shift to working from home due to the COVID-19 pandemic, which gets a chance of increasing piracy and cyber-attacks by exploiting many vulnerabilities resulting from employees' remote work into their institutions' electronic systems. The research discussed the reasons for a surge in cybercrime during the COVID-19 pandemic and clarified the most affected sector by cyber-attacks during the COVID-19 pandemic. Furthermore, it highlighted the most common cyber-attacks that were carried out during the current period (COVID-19). Also discussed some cyberattacks that target some companies on the pandemic. The research conducted was based on literature reviews and theoretical that defined the reasons for the increased attack through the COVID-19 pandemic. This research reviewed the analytical data that identified the most sector and attack that happened during COVID-19.

#### **Editor-In-Chief**

# TABLE OF CONTENTS

Title / Authors	Page No.
The Usage of Social Media based on Islamic Revelation	1
Muhammad Aiman Nor Sharizan, and Akram M. Zeki	
The Impact of COVID-19 on Cybersecurity	10
Nada Al-shammari, Kholood Al-shammari, Nouf Muhawwis, Nouf Al-	
shammari <sup>,</sup> Wejdan Alharbi, Nemah Al-shammari, Kawther Al-Dhlan	