



CALL FOR PAPER

Special Session

on

***“Use of Artificial Intelligence and Internet of Things in the
Security of Healthcare and Biomedical Informatics”***

in

International Conference

on

Computation, Automation and Knowledge Management

(ICCAKM-2022)

15th – 17th November 2022

at

**Amity University, Dubai International Academic City, Dubai, United Arab
Emirates.**

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**All accepted & presented papers of the Conference by duly registered
authors, will be submitted to [IEEE Xplore](#) Digital Library for Inclusion.**

Session Chair:

- **Dr. Mamoon Rashid, Vishwakarma University Research Center of Excellence for Health Informatics, Pune**
- **Dr. Nazir Ahmad, Department of Information Systems, Community College, King Khalid University, Kingdom of Saudi Arabia**

Important Weblinks:

- To visit Conference Website, [click here](#)
- For Research Paper Submission, [click here](#)
Research Paper/ Article/ Manuscript will be submitted through [EasyChair](#) only.
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Important Dates:

Paper Submission Deadline:	15-July-2022
Notification of Acceptance:	30-July-2022
Camera Ready Paper Submission Deadline:	15-August-2022
Last Date of Registration:	15- August -2022
Conference Date:	15 th – 17 th November 2022

[Amity University](#) is research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing International Conference on Computation, Automation and Knowledge Management on 15th – 17th November 2022.

This Conference includes many topics which were deeply deliberated, and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers and academicians from scientist fraternity.

Aim and Scope:

The fields of Healthcare informatics and Biomedical engineering play an important role in the effectiveness of present day Healthcare Systems. Advancement of Artificial Intelligence, Big Data Analytics, and Internet of Things technologies contribute greatly in various Healthcare applications. Artificial Intelligence Techniques have replaced human-based systems and provided systems where prediction and diagnosis in Healthcare diseases are quite accurate. The development of reliable and accurate Healthcare models is possible with the help of machine learning and deep learning technologies. Artificial Intelligence has the power to solve many complex problems in the Biomedical Industry and is a technology that is supposed to decide the future of Healthcare systems. Also, as cybersecurity threats to healthcare and biomedical applications grow in number and severity, artificial intelligence is helping providers detect vulnerabilities and respond to data breaches faster and with greater precision.

Sub-themes (but not limited to):

- Artificial Intelligence in Healthcare systems.
- Use of Machine Learning in Security of Biomedical Images.
- Use of Deep Learning in Security of Biomedical Images.
- Use of Artificial intelligence in Drug discovery.
- AI-based Prediction of Diseases in Medical Images.
- Medical Image Classification and Analytics.
- Artificial intelligence in Biomedical Education.
- Use of Artificial Intelligence in Tele-diagnosis.
- Use of Internet of Things and AI in Securing Biomedical Systems.
- Privacy and Security Issues in Biomedical AI Systems.
- Healthcare and Medical Images Security.
- Security Challenges in Biomedical AI Systems.
- Future directions for use of AI and ML in securing healthcare applications.

Note: It is a mandatory requirement that all papers submitted for this session must be e-mailed to mamoon873@gmail.com along with [EasyChair](#) submission.

In case of any query, please write to us on:

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