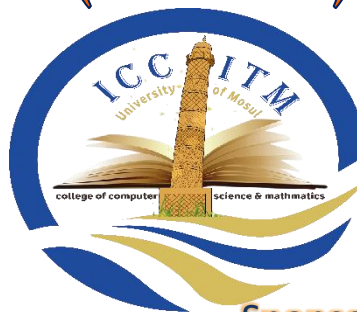




# 7<sup>TH</sup> INTERNATIONAL CONFERENCE ON CONTEMPORARY INFORMATION TECHNOLOGY AND MATHEMATICS

(ICCCITM)



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College of Computer science and mathematics

# ORGANIZATION COMMITTEE



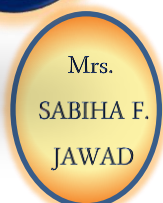
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Conference Chair

Dean of the collage – University of Mosul



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JAWAD

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**25 - 26**  
**AUGUST**  
**2021**

### Conference Program Agenda - 1<sup>st</sup> Day - Wednesday, 25 August 2021

All Time is scheduled according to Baghdad Zone Time (GMT+3)

Google Meet: <https://meet.google.com/dku-piyr-cag> (Collage Main Hall)

9:30AM-9:35AM	Opening Ceremony
9:35AM-9:40AM	Speech of Mosul University Representative
9:40AM-9:50AM	Speech of <b>ICCITM 2021</b> Conference Chair
9:50AM-10:00AM	Speech of <b>IEEE</b> Representative
10:00AM-10:05AM	Video about Collage of Computer Science and Mathematics
10:05AM-10:15AM	Delivering Awards
<b>First Keynote Speaker</b>	
10:15AM-10:40AM	Keynote Speaker 1: <b>Prof. Dr. Dhuha Basheer Abdullah</b> Conference Chair Title: <b>Integration of Big Data , IoT and Cloud</b>
<b>Second Keynote Speaker</b>	
10:40AM-11:05AM	Keynote Speaker 2: <b>Prof. Dr. Shatha A. Salman Najjar</b> Title: <b>Mathmatics and cryptography</b>
11:05AM-11:20AM	Tea break
11:20AM-11:30AM	Students Fair





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**Track1 Sessions**

**Wednesday, 25 August 2021**

**Session 1: Big Data , IoT and Cloud**

**Chair Session : DR. Najla Badie Ibraheem**

**Co-Chair Session : Dr.Fawziya Mahmood Ramo**

**IT. Admin:** Yasir Ali

Google Meet : <https://meet.google.com/dku-piy-r-cag>

(Collage Main Hall)

11:30AM 11:50AM	1570747835	Real Time Routing for Internet of Things: A Survey on Techniques and Protocols	Dhuha Abdullah. Mohammed Tariq Salih
11:50AM 12:10PM	1570747031	Real-Time Big Data Analytics Perspective on Applications, Frameworks and Challenges	Dhuha Abdullah. Rana Abdul-Ghafoor
12:10PM 12:30PM	1570741403	Contagious Patient Tracking Application Spotlight Privacy and Security Rights	Mafaz Alanezi Alaa Faris Hamdi
12:30PM 12:50PM	1570743375	Predicting QoS for Web Service Recommendations Based on Reputation and Location Clustering with CF	Muayad Abdullah Wesam S. Bhaya



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**Track1 Sessions**

**Wednesday, 25 August 2021**

**Session 2: Big Data , IoT and Cloud**

**Chair Session : DR. Laheeb M. Ibrahim**

**Co-Chair Session : DR. Basim Mahmmod**

**IT. Admin: Yasir Ali**

**Google Meet : <https://meet.google.com/dku-piyr-cag>**

<b>6:00PM 6:20PM</b>	<b>1570743320</b>	<b>Anomaly Detection of Flight Data Recorder Data Using Naive Bayes Classifier</b>	<b>Murtaja Jalawkhan Tareef K.Mustafa</b>
<b>6:20PM 6:40PM</b>	<b>1570744696</b>	<b>Extended Range Evaluation of a BLE Mesh Network for Control Application</b>	<b>Azhar Waleed Ziyad K. Farej</b>
<b>6:40PM 7:00PM</b>	<b>1570748169</b>	<b>Multiclass Model for Quality of Web Service Using Machine Learning and Cloud Computing</b>	<b>Noor Al-Huda Hamed Ameer Kadhim Hadi</b>



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**Track2 Sessions**

**Wednesday, 25 August 2021**

**Session 1: Intelligent and Information Systems**

**Chair Session : DR. Najla Badie Ibraheem**

**Co-Chair Session : Dr.Fawziya Mahmood Ramo**

**IT. Admin:** Yasir Ali

**Google Meet : <https://meet.google.com/dku-piyr-cag>**

**(Collage Main Hall)**

<b>12:50PM 1:10PM</b>	<b>1570744836</b>	<b>Classification Personality Traits by Using Pretrained Deep Learning Models</b>	<b>Ruba Talal Ibrahim Fawziya Mahmood Ramo</b>
<b>1:10PM 1:30PM</b>	<b>1570742609</b>	<b>Design and Analysis of Intelligent Energy Management System based on Multi-Agent and Distributed IoT: DPU: Case Study</b>	<b>Subhi R. M. Zeebaree Mohammed A. M.Sadeeq,</b>





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**Track2 Sessions**

**Wednesday, 25 August 2021**

**Session 2: Intelligent and Information Systems**

**Chair Session : DR. Laheeb M. Ibrahim**

**Co-Chair Session : DR. Basim Mahmmod**

**IT. Admin: Yasir Ali**

**Google Meet : <https://meet.google.com/dku-piyr-cag>**

<b>7:00PM 7:20PM</b>	<b>157074662</b>	<b>Improved Assessment of HPA by Using Volterra Series and FIR Filter</b>	<b>Mohanned A.M. Al-Ja'afari Firas Abedi Laith F. M. Al-Rammahi</b>
<b>7:20PM 7:40PM</b>	<b>1570742829</b>	<b>A Comparative Study of Algorithms of Software Effort Estimation for the Robotic and Communication Systems based on improved accuracy</b>	<b>Emad Hmood Salman Iman Ahmed Zayer Shayma Naif Hassan</b>
<b>7:40PM 8:00PM</b>	<b>1570749883</b>	<b>State of Art Survey for Deep Learning Effects on Semantic Web Performance</b>	<b>Aska Ezaddin Mehyadin Subhi R. M. Zeebaree Mohammed A.Sadeeq Hanan Mahmood Shukur Ahmed Alkhayyat Karzan Hussein Sharif</b>



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**Track2 Sessions**

**Thursday, 26 August 2021**

**Session 3: Intelligent and Information Systems**

**Chair Session : DR.Ibraheem Ahmed**

**Co-Chair Session : DR. Tarfa Hamid Yaysin**

**IT. Admin: Yasir Ali**

Google Meet : <https://meet.google.com/dku-piyr-cag>

**(Collage Main Hall)**

9:00AM 9:20AM	1570744659	Detection of Spliced Images in Social Media Application	Saad N. Alsaad Munera A. Jabaar
9:20AM 9:40AM	1570742815	IoT Application-Specific for Supervising and Enquiring Industrial Devices	Ali Najim Abdullah Nahedh Hasoon Alwash Ali Talib Jawad Noor S. Ali
9:40AM 10:00AM	1570744663	The ECG data Compression by Discrete Wavelet Transform and Huffman Encoding	Rawaa k. Hamza Khalida S.Rijab Mohammed A.Hussien
10:00AM 10:20AM	1570742465	Cohesive Summary Extraction from Multi-Documents Based on Artificial Neural Network	Marwan B. Mohammed Wafaa AL-Hameed
10:20AM 10:40AM	1570741367	use Crowdsourcing in Software Engineering for the development of the website	Ahmed Saleem Abbas Muataz Abd Al-Mohsen



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**Track3 Sessions**

**Wednesday, 25 August 2021**

**Session 1: Networking and Information Security**

**Chair Session : DR. Manar Younis Kashmola**

**Co-Chair Session : DR. Oday Hashem Saeed**

**IT. Admin: Marwa Jassim**

**Google Meet : <https://meet.google.com/uwk-jrvk-inr>**

**Nabil Khalil Omar Hall – Dept. Computer Science**

<b>11:30AM 11:50AM</b>	<b>1570741370</b>	<b>On the Performance of Multi-User Massive MIMO over Mmwave Channels</b>	<b>Shaymaa Ahmed Saad Ahmed Ayoob Ali Othman Al Janaby</b>
<b>11:50AM 12:10PM</b>	<b>1570748092</b>	<b>Using Software Defined Network (SDN) Controllers to Enhance Communication Between Two Vehicles in Vehicular Ad Hoc Network (VANET)</b>	<b>Hiba Dhiyaa Ayad Hussain Abdulqader</b>
<b>12:10PM 12:30PM</b>	<b>1570748174</b>	<b>Evaluation and Implentation of Malware Classification Using Random Forest Machine Learning Algorithm</b>	<b>Saif aldeen Alabadee Karam Thanon</b>
<b>12:30PM 12:50PM</b>	<b>1570741729</b>	<b>Intelligence and Electronic Warfare-Status, Challenges and Future Trends</b>	<b>Ali Haleem Sattar B.Sadkhan</b>
<b>12:50PM 1:10PM</b>	<b>1570743190</b>	<b>Cyber Warfare Techniques ~ Status, Challenges and Future Trends</b>	<b>Qusai AL-Dorrah Sattar B.Sadkhan</b>





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**Track3 Sessions**

Wednesday, 25 August 2021

**Session 2: Networking and Information Security**

**Chair Session : DR. Mafaz Mohsen Alanez**

**Co-Chair Session : DR. Omar AbdulMoneim**

**IT. Admin: Marwa Jassim**

Google Meet : <https://meet.google.com/uwk-jrvk-inr>

6:00PM 6:20PM	1570740575	An improvement on leach protocol for wireless sensor network	Saad Talib Hasson Salar Essa Hasan
6:20PM 6:40PM	1570743922	Design and Implementation of High Performance 2D NoC Based on New Proposed Router	Noor Majeed Siraj Qays Mahdi abdulameer kadhim
6:40PM 7:00PM	1570744950	LAN Protection with Semantic Firewall	Baraa Kareem Wesam S. Bhaya
7:00PM 7:20PM	1570742223	Robust Image Encryption Based on Double Hyper Chaotic Rabinovich System	Huda Alsaabri Saad S. Hershey
7:20PM 7:40PM	1570743374	Deep Learning Model for IDS in the Internet of Things	Maha Mohammed Khattab M. Ali Alheeti



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**Track3 Sessions**

**Thursday, 26 August 2021**

**Session 3: Networking and Information Security**

**Chair Session : DR.Aasma Yaseen**

**Co-Chair Session : DR.Ayad Hussain**

**IT. Admin: Marwa Jassim**

Google Meet : <https://meet.google.com/uwk-jrvk-inr>

**Nabil Khalil Omar Hall – Dept. Computer Science**

9:00AM 9:20AM	1570743380	Credit Card Fraud Detection in Financial Transactions Using Data Mining Techniques	Raghad Alwan Murtadha M. Hamad
9:20AM 9:40AM	1570743381	Attacks Classification for SANET Based on Convolutional Neural Networks	Mustafa Al-janabi Khattab M. Ali Alheeti Abd Al-Kareem A. Alaloosy
9:40AM 10:00AM	1570743469	Energy Aware Nature Inspired Routing for Wireless Sensor Networks	Yasameen Razooqi Muntasir.al-asfoor



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**Track4 Sessions**

Wednesday, 25 August 2021

**Session 1: Image Processing & Computer Vision**

**Chair Session :** DR.Ahmed Sami Nori

**Co-Chair Session :** DR. Mohammad Chachan

**IT. Admin:** Marwa Abd-Alkareem

**Google Meet :** <https://meet.google.com/hqz-uzic-qmh>

**Al-Hadba Hall – Dept. Statistics and Informatics Science**

11:30AM 11:50AM	1570747534	Generating Digital Images of Skin Diseases Based on Deep Learning	Hasan M. Ahmed Manar Y. Kashmola
11:50AM 12:10PM	1570748116	Face Direction Estimation Based on Mediapipe Landmarks	Arqam M. Al-Nuimi Ghassan J. Mohammed
12:10PM 12:30PM	1570747420	Enhancing Spatial Characteristics of Satellite Image	Alhan anwr younis
12:30PM 12:50PM	1570745008	Face Identification Under Disguise and Makeup Based on Hybrid Deep Learning	Farah Al-ghanim Ali mohsin Al-juboori





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**Track4 Sessions**

Wednesday, 25 August 2021

**Session 2: Image Processing & Computer Vision**

**Chair Session :** DR. Shahbaa I. Khaleel

**Co-Chair Session :** DR. Omar Moayed

**IT. Admin:** Marwa Abd-Alkareem

**Google Meet :** <https://meet.google.com/hqz-uzic-qmh>

6:00PM 6:20PM	1570748608	Enhancement of Daytime Crescent Image Using Wiener Filter Based De-Blurring Technique	Rand Hussam Ali AbdulSattar M. Khidhir
6:20PM 6:40PM	1570744830	2D Cubic Spline Transformation with 3D Binary Image for a New Watermarking Algorithm	Heba Al-Asady Osama Qasim Jumah Al-Thahab Saad Saffa Hreshee
6:40PM 7:00PM	1570740372	A Review on Image Processing Based Neonatal Jaundice Detection Techniques	Warqaa Hashim Ali Al-Naji Makram Alkhaled Izzat Al-Rayahi
7:00PM 7:20PM	1570743378	Object Recognition System for Autonomous Vehicles Based on PCA and 1D-CNN	Mohammad Alfahdawi Khattab M Ali Alheeti Salah Sleibi Al-Rawi



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**Track5 Sessions**

Wednesday, 25 August 2021

**Session 1: Mathematics**

**Chair Session** : DR. Nazar Hamdon Shukur

**Co-Chair Session** : DR. Manaf Hazim

**IT. Admin**: DR. Barah Mahmood

Google Meet : <https://meet.google.com/ryw-fygm-hct>

**Nidhal Al-Asadi Hall – Dept. Software Science**

11:30AM 11:50AM	1570743151	On Ici-Open Sets in Topological Spaces	Beyda S. Abdullah Barah M. Sulaiman Mohammed Th. Al-Neima
11:50AM 12:10PM	1570747146	A Modified Sufficient Descent Spectral Conjugate Gradient Method for Minimization	Hamsa Th. Seaad Elaf Suliman Khaleel Huda I. Ahmed Eman T. Hamed
12:10PM 12:30PM	1570742215	A new hybrid pigeon-inspired optimization algorithm for solving multidimensional knapsack problems	Niam Abdulmunim Al-Thanoon Omar Saber Qasim Zakariya Yahya Algamal
12:30PM 12:50PM	1570745060	Analytical treatment to find stability of the system of Partial Equations arising from heat transfer on a porous plate	Ahmed Muhammed Jumaa



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**Track5 Sessions**

Wednesday, 25 August 2021

**Session 2: Mathematics**

**Chair Session :** DR. Abdulghafoor Jasim

**Co-Chair Session :** DR. Mayson Mal Allah

**IT. Admin:** DR. Barah Mahmood

Google Meet : <https://meet.google.com/ryw-fygm-hct>

6:00PM 6:20PM	1570742840	T-Extending Semimodule over Semiring	Samah Alhashemi Asaad M. A. Alhossaini
6:20PM 6:40PM	1570745017	Solving Population Growth and Decay Problems Using Complex SEE Transform	Eman A. Mansour Emad A. Kuffi Sadiq A. Mehdi
6:40PM 7:00PM	1570745021	Solving Abel's Integral Equation Using (Sadiq-Emad-Eman) Transform	Eman A. Mansour Emad A. Kuffi Sadiq A. Mehdi
7:00PM 7:20PM	1570740489	Box-Cox Risti'c- Balakrishnan Odd Burr III-G Family of Distributions: Theory and Applications	Zeena Mizel Mohamed T Ghanam
7:20PM 7:40PM	1570743134	Finding the Fuzzy Critical Path with Octagonal Fuzzy Numbers using Linear Programming model	Sanar Mazin Younis Ahmed Yacoub Yousif
7:40PM 8:00PM	1570745261	Deep Radial Basis Function Networks	Mohie M. Algezweeni Vladimir I.Gorbachenko Dmitry A. Stenkin





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**Track5 Sessions**

**Thursday, 26 August 2021**

**Session 3: Mathematics**

**Chair Session : DR.Hyam abdl Majeed**

**Co-Chair Session : DR.Hossam Qassem**

**IT. Admin: DR. Barah Mahmood**

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**Nidhal Al-Asadi Hall - Dept. Software Science**

<b>9:00AM 9:20AM</b>	<b>1570744794</b>	<b>Modifications of Hestenes and Stiefel CG Method for Solving Unconstrained Optimization Problems</b>	<b>Isam H. Halil Khalil K. Abbo Hassan H. Ebrahim</b>
<b>9:20AM 9:40AM</b>	<b>1570741821</b>	<b>Numerical Solution of Initial Value Problems of Time-Fractional Order via a Novel Fractional</b>	<b>Abbas AL-Shimmary</b>



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**Track6 Sessions**

**Wednesday, 25 August 2021**

**Session 1: Statics and their Applications**

**Chair Session : DR. DR. Nazar Hamdon Shukur**

**Co-Chair Session : DR. Manaf Hazim**

**IT. Admin: DR. Barah Mahmood**

**Google Meet : <https://meet.google.com/ryw-fygm-hct>**

**Nidhal Al-Asadi Hall - Dept. Software Science**

<b>12:50PM 1:10PM</b>	<b>1570742801</b>	<b>A Quantitative Spatial Risk Measure for Extreme Events</b>	<b>Wasnaa Hashim</b>
<b>1:10PM 1:30PM</b>	<b>1570743169</b>	<b>Estimating the Rate of Occurrence of Geometric Process with Exponential Distribution</b>	<b>Noor Hani</b>



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**Track6 Sessions**

**Thursday, 26 August 2021**

**Session 2: Statics and their Applications**

**Chair Session : DR.Hyam abdl Majeed**

**Co-Chair Session : DR.Hossam Qassem**

**IT. Admin: DR. Barah Mahmood**

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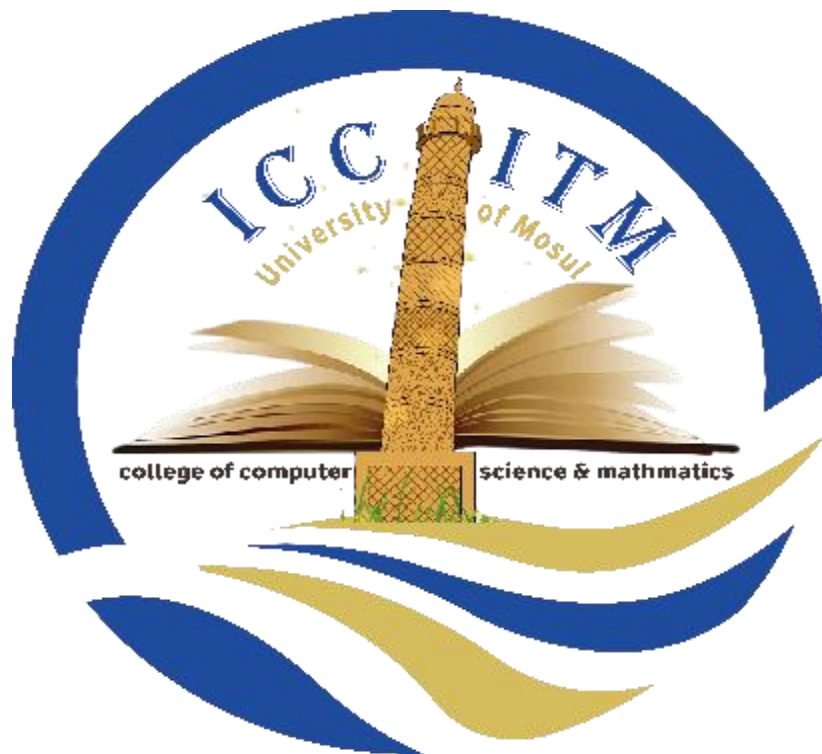
**Nidhal Al-Asadi Hall - Dept. Software Science**

9:40AM 10:00AM	1570743703	Parameters Estimation for Modified Weibull Distribution Using L.S and M.L Methods with Simulation	Loay Waadallh
10:00AM 10:20AM	1570744778	Employing HMM in Recognition Protein Coding Genes for the Mitochondrial Respiratory Chain	Sura Jamal Aldeen
10:20Am 10:40Am	1570748144	Employing the Social Group Optimization Algorithm to Find the Best Hyper Parameters of Support Vector Machine	Raad Ahmed
10:40AM 11:00Am	1570748139	Generalizing the Conjugate Lindley's Utility Function to Estimate the Multi Parameter Distributions Parameters	Mohamed Dhanun
11:00AM 11:20AM	1570747807	A Study of the Factors Affecting the Incidence of COVID-19 Infection Using an Accelerated Weibull	Raya Al Rassam
11:20 AM 11:40AM	1570743363	Exact Recovery of Two-Latent Variable Stochastic Block Model with Side Information	Mohammad Shahiri



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