Conference Tracks
Big Data, IoT and The Cloud
Intelligent and Information Systems
Computer Networks and Communication
Distributed and parallel systems
Computer Vision and Image Processing
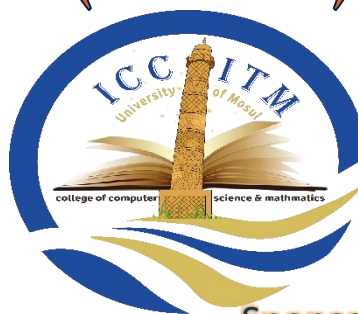Statistics
Mathematics

7ᵀᴴ INTERNATIONAL CONFERENCE ON CONTEMPORARY INFORMATION TECHNOLOGY AND MATHEMATICS (ICCITM)

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College of Computer science and mathematics
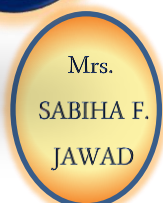
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Conference Chair

Dean of the collage – University of Mosul

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7th International Conference on Contemporary Information Technology and Mathematics (ICCITM)

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

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-piyr-cag

(Collage Main Hall)

Time	ID	Title	Authors
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

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

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)

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

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

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

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)

Time	ID	Title	Authors
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-Document 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

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

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

Track3 Sessions

Thursday, 26 August 2021

Session 3: Networking and Information Security

Chair Session : DR.Asmaa 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

Time	ID	Title	Authors
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

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

Time	ID	Title	Authors
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

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 Sciense

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. Alqezweeni 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

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

Nidhal Al-Asadi Hall – Dept. Software Sciense

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

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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 Sciense

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

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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

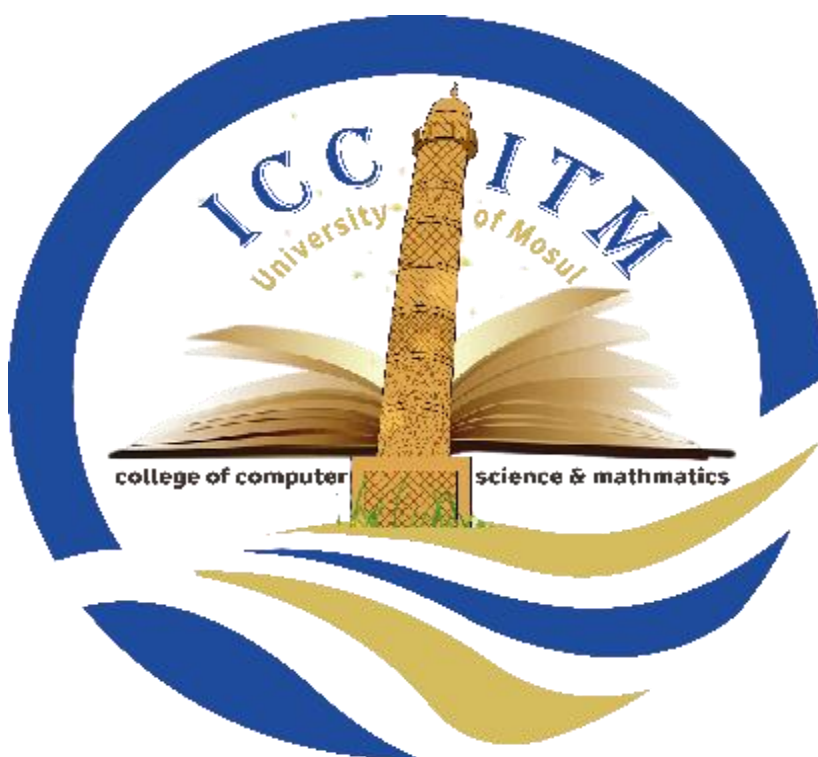**IT. Admin:** DR. Barah Mahmood

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

Nidhal Al-Asadi Hall – Dept. Software Sciense

9:40AM 10:00AM	1570743703	Parameters Estimation for Modified Weibull Distribution Using L.S and M.L Methods with Simmulation	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 Accelerrated 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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