

# **International Conference on Communication and Information Technology**

**ICICT'21**

**Conference Agenda**

**27-28<sup>th</sup> June, 2021**



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Iraq University College, Istqlal Street, Basra, 61004, Iraq.

Iraq University College

International Conference on Communication & Information Technology ICICT'21  
27-28<sup>th</sup> June, 2021

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## ICICT'21 Conference Agenda

**Editors**

*Prof. Dr. Abdulhadi Alhassani*  
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Organized by



*Iraq University College*

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## Conference Program

2021-6-27 Day 1 | Baghdad, Iraq Time (GMT +3)

10:00 am to 10:30 am	Opening Ceremonies in Conferences Hall and Virtually on (Zoom: <a href="https://zoom.us/j/9528925492">https://zoom.us/j/9528925492</a> )
10:30 am to 10:45 am	Opening Speech (Iraq University College) Prof. Dr. Albudhadi Alhassani
10:45 am to 11:00 am	Ministry of Higher Education and Scientific research representative Speech Prof.Dr.Saad Shaheen Hamadi (Chancellor of University of Basrah, Iraq-Basrah)
11:00 am to 11:15 am	IEEE Representative Speech Prof. Dr. Sattar B. Sadkhan
11:15 am to 11:30 am	Keynote Speaker 1 Prof.Dr. Hatim Zaghlol HZ Academy
11:30 am to 11:45 am	Keynote Speaker 2 Asst. Prof. Dr. David L. Ndzi University of West Scotland
11:45 am to 12:00 pm	Keynote Speaker 3 Prof.Dr. Mahmood Almulla Khalaf Head of Iraq Delegation Permanent Delegation of Iraq to UNESCO
12:00 pm to 12:15 pm	Keynote Speaker 4 Dr. Amer Al-almeer representative of Higher Education Ministry team of E-Learning
12:15 pm to 12:30 pm	Keynote Speaker 5 Prof.Dr. Albudhadi Alhassani- Iraq University College
12:30 pm to 2:50 pm	Session 1 Computer Systems Track in Hall No. 12 and Virtually on ( Zoom: <a href="https://zoom.us/j/5068747890">https://zoom.us/j/5068747890</a> )
12:30 pm to 2:30 pm	Session 1 Communication systems Track in Hall No. 11 and Virtually on ( Zoom: <a href="https://zoom.us/j/2188053689">https://zoom.us/j/2188053689</a> )
12:30 pm to 2:40 pm	Session 1 Security Systems Track in Hall No. 13 and Virtually on ( Zoom: <a href="https://zoom.us/j/6130666453">https://zoom.us/j/6130666453</a> )
12:30 pm to 2:40 pm	Session 1 Network Track in Hall No. 4 and Virtually on ( Zoom: <a href="https://zoom.us/j/7689711411">https://zoom.us/j/7689711411</a> )

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12:30 pm to 2:10 pm	Session 1 Applied Mathematics & Renewable energy Track in Hall No. 5 and Virtually on ( <a href="https://zoom.us/j/6093114592">Zoom: https://zoom.us/j/6093114592</a> )
2:50 pm to 4:00 pm	Lunch Break
4:00 pm to 5:40 pm	Session 2 Computer Systems Track in Hall No. 12 and Virtually on ( <a href="https://zoom.us/j/5068747890">Zoom: https://zoom.us/j/5068747890</a> )

**2021-6-28 Day 2 | Baghdad, Iraq Time (GMT +3)**

9:00 am to 12:30 pm	Session 1 Computer Systems Track in Hall No. 12 and Virtually on ( <a href="https://zoom.us/j/5068747890">Zoom: https://zoom.us/j/5068747890</a> )
9:00 am to 10:40 am	Session 1 Communication systems Track in Hall No. 11 and Virtually on ( <a href="https://zoom.us/j/2188053689">Zoom: https://zoom.us/j/2188053689</a> )
9:00 am to 10:40 am	Session 1 Security Systems Track in Hall No. 13 and Virtually on ( <a href="https://zoom.us/j/6130666453">Zoom: https://zoom.us/j/6130666453</a> )
9:00 am to 10:20 am	Session 1 Network Track in Hall No. 4 and Virtually on ( <a href="https://zoom.us/j/7689711411">Zoom: https://zoom.us/j/7689711411</a> )
9:00 am to 11:00 am	Workshop (Healthcare Information System) in Hall No. 5 and virtually on (( <a href="https://zoom.us/j/6093114592">Zoom: https://zoom.us/j/6093114592</a> )
1:00 pm to 1:10 pm	Closing Ceremony in Conferences Hall and Virtually on ( <a href="https://zoom.us/j/9528925492">Zoom: https://zoom.us/j/9528925492</a> )
1:10 pm to 1:30 pm	Best 3 Papers Awards
1:30 pm to 2:00 pm	Conference Conclusion



**Day 1 Sessions**

**2021-6-27 Computer Systems Track**

*Chair: Prof.Dr.Taleb A.S. Obaid*

*Prof. Dr. Muhammed Mahdih Al-Asadi and Dr. Mustafa A. Al Sibahee*

**Session 1**

12:30 pm to 12:50 pm	<i>Knowledge Management Framework to Enhance Enterprise Resource Planning System in Green Software Development Process</i>
12:50 pm to 1:10 pm	<i>Find Edge Map for Medical Images Based on Texture Characteristics</i>
1:10 pm to 1:30 pm	<i>Machine Learning Based Speaker Gender Classification Using Transformed Features</i>
1:50 pm to 2:10 pm	<i>Logistic Regression Based Next-Day Rain Prediction Model</i>
2:10 pm to 2:30 pm	<i>Comparing Meta-Heuristic Algorithm (PSO and ACO) of Optimum Load Flow</i>
2:30 pm to 2:50 pm	<i>Dense Compound Features and Data Association Based Multiple People Tracking</i>
2:50 pm to 4:00 pm	<i>Lunch Break</i>

**Session 2**

4:00 pm to 4:20 pm	<i>Decision Making Systems Based on FWQI to Assess of Drinking Water in Basrah Iraq</i>
4:20 pm to 4:40 pm	<i>Low Cost Cloud-Based Intelligent Remote Patient Monitoring for Heart Patient</i>
4:40 pm to 5:00 pm	<i>Automated Ultrasound Video Enhancement</i>
5:00 pm to 5:20 pm	<i>Human Vocal Type Classification Using MFCC and Convolutional Neural Network</i>
5:20 pm to 5:40 pm	<i>Covid-19 Detection and Overcome the Scarcity of Chest X-Ray Datasets Based on Transfer Learning and GAN Model</i>



**2021-6-27 Communication systems Track**

*Chair :Prof. Dr. Hamid Ali Alasadi*

*Dr. Ali Ahmed Abid and Dr. Sinan Ghassan Abid Ali*

12:30 pm to 12:50 pm	<i>Reduction of Packet Error Rate in V2V Communication Based on Machine Learning</i>
12:50 pm to 1:10 pm	<i>Velocity-Based Handover Hysteresis Margin Method for Small Cells 5G Networks</i>
1:10 pm to 1:30 pm	<i>Analysis and Implementation of Multiple-Receiver Wireless Power Transfer System</i>
1:50 pm to 2:10 pm	<i>Study of 5G Networks as a Promising Future Wireless Mobile</i>
2:10 pm to 2:30 pm	<i>A Survey of Mm-Wave Communications for 5G</i>

**2021-6-27 Security Systems Track**

*Chair: Prof. Dr. Hamza Abbass Ali Al-Sewadi*

*Prof. Dr. Ali Althamir*

12:30 pm to 12:50 pm	<i>Performance Monitoring for Processes and Threads Execution-Controlling</i>
12:50 pm to 1:10 pm	<i>Individual Recognition with Deep Earprint Learning</i>
1:10 pm to 1:30 pm	<i>Solve Polyalphabetic Cipher Based on Intelligent System</i>
1:50 pm to 2:10 pm	<i>Analyzing 9-D with Complex and Non-Linear Hyper Chaotic Model to Secure Systems</i>
2:10 pm to 2:30 pm	<i>The Security Challenges with Cognitive Radio Environments for VANETS</i>

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2021-6-27 Network Track

*Chair: Dr. David L. Ndzi*

*Dr. Mohammed Al-Mosawi*

12:30 pm to 12:50 pm	<i>Mobile Attendance Recording System Using IoT to Aid in Social Distancing</i>
12:50 pm to 1:10 pm	<i>Design and Implementation of Voice Controlled Robotic ARM</i>
1:10 pm to 1:30 pm	<i>The Wearable Foot Rehabilitation Soft Robot</i>
1:50 pm to 2:10 pm	<i>An Investigation on Neural Spike Sorting Algorithms</i>
2:10 pm to 2:30 pm	<i>Relative Jacobian-Based Cooperative Control of Multi-Rotor Drones</i>

2021-6-27 Applied Mathematics & Renewable energy

*Chair: Prof. Dr. Kays Shareef Majdi Al-Imarah*

*Prof. Dr. Adel O. Sharif*

12:30 pm to 12:50 pm	<i>Impact of Asphalt Layer and Glass Thickness on the Thermal Storage of Pavement</i>
12:50 pm to 1:10 pm	<i>On Distributive Ring and Hereditary Property</i>
1:10 pm to 1:30 pm	<i>Study of Some Applications on a Class of Analytic Functions Involving Convolution Operators</i>
1:50 pm to 2:10 pm	<i>On Estimating a Series and Parallel Reliability in Case the Rayleigh-Pareto Distribution in Stress-Strength Model</i>



**Day 2 Sessions**

**2021-6-28 Computer Systems Track**

*Chair: Prof. Dr. Taleb A.S. Obaid*

*Prof. Dr. Muhammed Mahdih Al-Asadi and Dr. Mustafa A. Al Sibahee*

9:00 am to 9:20	<i>Stream Mining for Network Sensor Data Using Classification and Metaheuristic Techniques</i>
9:20 am to 9:40 am	<i>Fingerprint Ridges Extraction Using Bezier Curve Representation</i>
9:40 am to 10:00 am	<i>Speeds of Each Wheel Leg of the Wall Pressing Three-Plane Pipe Inspection Robot</i>
10:00 am to 10:20 am	<i>A Survey of Latest Techniques in Medical Image Classification</i>
10:20 am to 10:40 am	<i>Automatic Glycemia Regulation: Avoiding Hypoglycemia and Hyperglycemia</i>
10:40 am to 11:00 am	<i>Hybrid Filter-Wrapper Text Feature Selection Technique for Text Classification</i>
11:00 am to 11:20 am	<i>Choosing an Appropriate Feature Selection Method to Enhance Feed-Forward ANN</i>
11:20 am to 11:40 am	<i>Computing the Relevance Degree of Social Media Network</i>
11:40 am to 12:00 pm	<i>Coronavirus Optimization Algorithm for Medical Classification</i>
12:00 pm to 12:30 pm	<i>Thresholding and Hybrid HE-CLAHE for Chicken Egg Embryo Segmentation</i>

**2021-6-28 Communication systems Track**

*Chair :Prof.Dr. Hamid Ali Alasadi*

*Asst.Prof. Dr. Ali Ahmed Abid and Dr. Sinan Ghassan Abid Ali*

9:00 am to 9:20 am	<i>QoS-Aware Downlink Scheduling Performance in Long Term Evolution – Vehicle</i>
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9:20 am to 9:40 am	<i>LTE-V2I System Performance Under Different Stochastic Channel Model</i>
9:40 am to 10:00 am	<i>Dw.PC Estimation of LTE Demodulation Performance Under HST Condition</i>
10:00 am to 10:20 am	<i>A High Gain Compact Rectangular Patch Antenna for 5G Applications</i>
10:20 am to 10:40 am	<i>A Developed DS-CDMA Detection Based on ICA</i>

## 2021-6-28 Security Systems Track

*Chair: Prof.Dr. Hamza Abbass Ali Al-Sewadi and Prof.Dr. Ali Althamir*

9:00 am to 9:20 am	<i>DNA Based Cryptology- Importance and Future Trends</i>
9:20 am to 9:40 am	<i>A Robust Fog-Computing Security Approach for IoT Healthcare Applications</i>
9:40 am to 10:00 am	<i>Intelligent Security Schema in IoT Based on Machine Learning</i>
10:00 am to 10:20 am	<i>Detecting Malicious for SANET Based on Artificial Intelligence Algorithm</i>
10:20 am to 10:40 am	<i>Verification Time Improvement for GOST Digital Signature Algorithm</i>

## 2021-6-28 Network Track

*Chair: Dr. David L. Ndzi and Dr. Mohammed Al-Mosawi*

9:00 am to 9:20 am	<i>Applying Positioning Techniques for Exhibition: A Case Study in Thailand</i>
9:20 am to 9:40 am	<i>Speech Recognition New Model in a Human-Robot Interaction Scenario</i>
9:40 am to 10:00 am	<i>People Tracking in a Smart Room Using Kinect Sensor</i>
10:00 am to 10:20 am	<i>Intelligent Object Recognition System for Autonomous and Semi Autonomous Vehicles</i>