

ICCIDA-2023

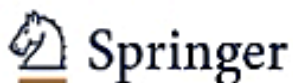


ICCIDA-2023

2nd International Conference on
Computing, IoT and Data Analytics

July 20-21, 2023

Conference Program



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DAY-1 Agenda July 20, 2023

All timing follows Spanish Standard Time (GMT/UTC: +02:00 hours)

09:30 – 10: 00	Welcome Speech by General Chair
10:00 – 10:30	Keynote Speech: Dr. Khaled M. Rabie Manchester Metropolitan University, UK
10:30 – 12:30	Session - I
12: 30 – 13:45	Break
13:45 – 15:30	Session – II
15:30 – 15:45	Break
15:45 – 17:45	Session - III

DAY-2: Agenda July 21, 2023

All timing follows Spanish Standard Time (GMT/UTC: +02:00 hours)

9:00 – 11:00	Session - IV
11:00 – 11:15	Break
11:15 – 13:00	Session - V
13:00 – 13:10	Break
13:10 – 13:45	Keynote Speech: Prof. Dr. El-Sayed M. El-Alfy, King Fahd University of Petroleum and Minerals (KFUPM) , Saudi Arabia
13:45 – 14:00	Break
14:00 – 16:00	Session - VI
16:00 – 16:30	Break
16:30 - 17:00	Closing Ceremony

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Day 1: July 20, 2023

Session - I

Session Chair: Alaa Ali Hameed

ID	Author/Title
10	Nouhaila El Koufi An Overview of Artificial Intelligence Approaches Used in Precision Marketing
116	Bilal Shabbir, Ali Salman, Muhammad Sohaib, Muhammad Asif Naeem BlindEye: Blind Assistance using Deep Learning
121	Shraiyash Pandey Implementation of Homomorphic Encryption Schemes in Fog Computing
56	Zhigulina, Julia; Öörni, Anssi Effects of Augmented Reality on Visuospatial Abilities of Males and Females
59	Mohamed Ali, Arsyah G, Jyothish Lal; V, Sowmya; E A, Gopalakrishnan Parkinson's Disease Assessment From Speech Data Using Recurrence Plots
123	Anindya Nag A Survey on Image-based Cardiac Diagnosis Prediction using Machine Learning and Deep Learning Techniques
119	Abdullah Rehman, Muhammad Ilyas A Survey of Highly Used Software Analysis and Design Methods
53	Molano, Ruben; Ávila, Mar; Sancho, José Carlos; G. Rodríguez, Pablo; Caro, Andrés Post-processing of closed contours to obtain inscribed k-sided polygons

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Session - II

Session Chair: Ana María Peco Chacón

73	<p>Kanj, Hassan; Aljeri , Abdullah</p> <p>Agent-based model for Oil Storage Monitor and Control system using IoT</p>
48	<p>Castillo-Olea, Cristian</p> <p>Artificial intelligence in support of SARS-COV19 symptom recognition in Baja California</p>
79	<p>Asri, Hiba; Jarir, Zahi</p> <p>HIYAM, A New Moroccan Humanoid Robot for Healthcare Applications using IoT and Big Data Analytics</p>
35	<p>Turan, Salih Can; Yıldız, Kazım; Büyüktanır, Büşra</p> <p>Comparison of LDA, NMF and BERTopic topic modeling techniques on Amazon product review dataset: A case study</p>
85	<p>Banerjee, Sheekar; Monir, Md. Kamrul Hasan</p> <p>CEIMVEN: An Approach of Cutting Edge Implementation of Modified Versions of EfficientNet (V1-V2) Architecture for Breast Cancer Detection and Classification from Ultrasound Images</p>
61	<p>Yurtsever, Muhammet Mücahit Enes; Ekin, Ekin Dr.; Eken, Süleyman</p> <p>COVID-19 & Behavioral Analytics: Soft Computing based Work-from-Home Sensing from Reddit Comments</p>
68	<p>Mezher, Karrar Hamzah; INAN, TİMUR</p> <p>Performance Analyses of AES And Blowfish Algorithms By Encrypting Files, Videos, and Images</p>

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Session - III

Session Chair: Isaac Segovia Ramírez

	Ahmad, Akram ; Singh, Vaishali ; Upreti, Dr.Kamal
101	A Systematic Study on Unimodal and Multimodal Human Computer Interface for Emotion Recognition
	Jeyaprakash, Akshaya; Harsha, Dabbara; Divi, Eswar; Kumaar, Pranav; Ganesan, Rahul; V, Sowmya; EA, Gopalakrishnan; M, Dhanya
55	Going Beyond Traditional Methods: Using LSTM Networks to Predict Rainfall in Kerala
	RRGHOUT, Hicham; KATTASS, Mourad ; JARJAR, Mariem; BENAZZI, Naima; QOBBI, Younes; JARJAR, Abdellatif; BENAZZI, Abdelhamid
52	Combination of an Improved Feistel Scheme and Genetic operators for Chaotic Image Encryption
	Igbasanmi, Oluwaseyi; Sirakov, Nikolay M.; Bowden, Adam
82	CNN for Efficient Objects Classification with Embedded Vector Fields
	Reda CHEFIRA, Radia Belkeziz and Oumaima
115	Investigating IoT-enabled 6G communications: opportunities and challenges
	Rahman, Mehtab Ur; Direkoglu, Cem
75	Multi-class Classification of Voice Disorders Using Deep Transfer Learning
	Mustafa AL-ASADI and Bharat Bhushan
125	A Comprehensive Analysis of Object Identification Using Machine Learning Algorithms
	Sonu Airen, Jitendra Agrawal
91	Performance Improvement of Movie Recommender System Using Spectral Bi-Clustering with Mahalabonis Distance

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Session - IV

Session Chair: Alfredo Peinado Gonzalo

70	<p>Kabir, S. Rayhan; Mamun, Md Abdullah Al; Shagar, Tanvir Miah; Raisa, Meher Durdana Khan; Hossain, Md. Jubayer; Sutradhar, Utsa Chandra; Chowdhury, Anupam Hayath</p> <p>A Wireless Emergency Alerts System for Warning Disasters by using Distributed Databases, GPS and Machine Learning enabled API Services</p>
104	<p>Suffian, Muhammad</p> <p>Explainable AI assisted Decision-making and Human Behaviour</p>
124	<p>Ayasha Malik</p> <p>Short Message Service Spam Detection System for securing Mobile Text Communication based on Machine Learning</p>
33	<p>Balta Kaç, Seda; Eken, Süleyman</p> <p>A Concise Review on Performance Management via Industrial IoT Sensors</p>
67	<p>Farnè, Matteo; Yang, Meng</p> <p>Comparing how Python and R estimate Granger-causality in the frequency domain</p>
66	<p>Patino, Gustavo A; Velez, Diego</p> <p>MLP Neural Network based on PCA and K-means Clustering for PM2.5 Forecasting</p>
74	<p>Joga, S Ramana Kumar; Sinha, Pampa; PAUL, KAUSHIK; García Márquez, Fausto Pedro</p> <p>A novel method to detect High Impedance Fault in Electric Vehicle integrated distribution system</p>
109	<p>Mosa, Hayder</p> <p>Performance measurement of classification algorithms for aerial image registration</p>

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Session - V

Session Chair: Pedro José Bernalte Sánchez

	Özer, Muhammed Miraç; BAKIRCI, Murat
45	Involvement of Unmanned Aerial Vehicles and Swarm Intelligence in Future Modern Warfare: An Overview
	Mohan, Jithin; SATHIYAN, PAUL
44	Battery Management system-based fuzzy logic
	Yıldız, Umut
54	Electricity Consumption Forecasting using the Prophet Model in Industry: A Case Study
	Baldeón, Johan P; Auccapuri, Darwin; Masuda, Andrés; Galvez, Rodolfo; Arana, Adolfo; Chávez, Paul; Hernández, Víctor; Lau, María Elena; Díaz, Emilio
96	Exploring the Use of Bluetooth Low Energy (BLE) Beacons for Enhancing Ecotrails in the Amazon Jungle of Peru
	Islam M.M. Ahmed Sadek, abduh. ibrahim
120	Enhanced Image Generation with MorphoGAN: Combining MNNs and GANs
	Aayush Juyal
122	Automated and Optimised Machine Learning Algorithms for Healthcare Informatics
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50	A Comparative Study of Deep Learning Loss Functions: A Polyp Segmentation Case Study

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Session - VI

Session Chair: Muhammed Davud

65	Takaoğlu, Mustafa; Takaoğlu, Faruk; Dursun, Taner NBS: An NFT-Based Blockchain Steganography Method
64	Kattass, Mourad ; Rrghout, Hicham; Jarjar, Mariem; Jarjar, Abdellatif; Gmira, Faiq; Benazzi, Abdelhamid Chaotic Image Encryption using an Improved Vigenère Cipher and a Crossover Operator
41	Korkut Uysal, Sila Ovgu; Onan, Aytug; Ulker, Erman; Yalcin, Femin Optimal Parameter Selection of Latent Dirichlet Allocation to Determine the Emerging Topics in Hydrology Domain
63	Bhatnagar, Mohit; Huchhanavar, Shivaraj Predicting delays in Indian lower courts using AutoML and Decision Forests
81	Morales-Arsenal, Roberto; Zazpe-Quintana, María Pilar; Pinar-Pérez, Jesús María Optimal Forecast Combination with Univariate Models For Natural Gas Prices in Spain
62	Ait temghart, Abdelkarim; Marwan, Mbarek; Baslam, Mohamed An Improved Data Classification in Cloud-Assisted IoT: leveraging machine learning and feature selection
97	Banu, A. Ruksana Identifying Success Factors in Business Intelligence Using Resource-Based Approach: A Literature Review
98	Ashima Aggarwal, Anurag Sharma Predictive Modeling of Breast Cancer Subtypes Using Machine Learning Algorithms
77	Jayanthi Ganapathy, Fausto Pedro García Márquez, Dhamini C.H Coronary Artery Blockage Detection by Automated Segmentation of Vessels in X-Ray Angiograms