

IGIT SARANG
SPRINGER International Conference on Machine Learning, IoT and BigData 2020
(ICMIB 2020)
September 19, 2020 (Day 1)

Timing	Events
Conference Inauguration	
Click here to open the Meeting link :	
Click here to open Youtube Live link	
9:30 AM to 9:40 AM	Arrival of the Guests
	Inviting the Guest to the Dias (Few guests will join online)
	Presentation of Flower bouquet
	Lamp lighting, Saraswati Vandana
	Request the President to preside over the meeting
9:40 AM to 9:45 AM	Welcome address by Organising Chair Prof. S. N. Mishra, IGIT Sarang, India
9:45 AM to 9:50 AM	Address by Technical Programme Chair Prof. Siba K. Udgata, University of Hyderabad, India
9:50 AM to 9:55 AM	Address by TEQ IP Coordinator Prof. Rabindra Ku. Behera
9:55 AM to 10:05 AM	Address by General Chair Prof. Lalit Mohan Patnaik, National Institute of Advanced Studies and Indian Institute of Science, Bangalore
10:05 AM to 10:15 AM	Address by Chief Guest
10:15 AM to 10:20 AM	Release of Conference Souvenir
10:20 AM to 10:25 AM	Address by President Prof. Satyabrata Mohanta, DIRECTOR, IGIT SARANG
10:25 AM to 10:30 AM	Vote of Thanks by Organising Chair and Convenor Prof. Srinivas Sethi, IGIT Sarang, India
10:30 AM to 10:45 AM	Tea Break

Keynote Talks

10:45 AM -11:45 AM	<p>#Keynote 1 Click here to open the Meeting link YouTube Live link</p> <p>Prof. Rajkumar Buyya Professor and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia. Title: New Frontiers in Cloud and Edge Computing for Big Data & Internet-of-Things Applications</p> <p>Chairperson: Prof. Lalit Mohan Patnaik, National Institute of Advanced Studies and Indian Institute of Science, Bangalore</p>
11:45 AM – 12:00 Noon	Break
12:00 am-1:00 pm	<p>#Keynote 2 Click here to open the Meeting link YouTube Live link</p> <p>Prof. Md. Atiqur Rahman Ahad Professor of University of Dhaka, Bangladesh and University of Osaka, Japan Title: Activity Recognition: Healthcare Prospective & Others</p> <p>Chairperson: Prof. Siba K. Udgata, University of Hyderabad, India</p>
1:00 pm -2:00 pm	Lunch Break

Technical Paper Presentation: (Session-1) (Communication and Computing)**Date: 19-09-2020 Time: 2:00 PM to 3:30PM**Session Join Link: [Session Link](#)**Session Chair :****Session Co-Chair :**

Paper ID	Paper Title
84	TB-EDA: A Trust Based Event Detection Algorithm to Detect False Events in Software Defined Vehicular Network
86	A Multi-objective Sensor Node Deployment Method for Connected probabilistic Target Coverage problem in Wireless Sensor Network
107	Minimizing Energy & Cost through VM Placement using Meta-Heuristic Algorithm in Cloud Data Center
110	Green Mobile Computing
49	Load reduction using temporal modeling and prediction in Periodic Sensor Networks
70	Unconstrained Optimization Technique in Wireless Sensor Network for Energy-efficient Clustering.

Technical Paper Presentation: (Session-2) (Data Science)**Date: 19-09-2020 Time: 2:00 PM to 3:30PM**Session Join Link: [Session Link](#)**Session Chair :****Session Co-Chair :**

Paper ID	Paper Title
13	Weather Prediction Using Hybrid Soft Computing Models
17	FindMoviez: A Movie Recommendation System
25	Sediment rating curve and sediment concentration estimation for Mahanadi River
64	UHWSF:Univariate Holt Winters Based Store Sales Forecasting
71	A Smartphone App based model for classification of Users and Reviews
79	An Inference Engine Integrated with Health Parameters for Medical Web Platform
87	An Empirical Study of Green Supply Chain Management by Using an Optimisation Tool An Eastern India Perspective
3:30 PM to 3:45 PM	Break

Technical Paper Presentation: (Session-3) (Engineering and Technology)

Date: 19-09-2020 Time: 3:45 PM to 5:15 PM

Session Join Link: [Session Link](#)

Session Chair :

Session Co-Chair :

Paper ID	Paper Title
7	A Low Cost Smart Solar DC Nano-grid for Isolated Rural Electrification: Cyber Physical System Design and Implementation
20	Active Filter with 2-Fuzzy Intelligent Controller: A Solution to Power Quality Problem
53	Type-I Fuzzy Logic Controller based Direct Torque Control of Mathematically Modeled Induction Motor Drive using PI and Sliding Mode Controller
78	A comparative analysis of fuzzy logic-based DTC and ST-DTC using 3-level inverter for torque ripple reduction
102	Neural Network Based Receiver in MIMO-OFDM system for Multiuser detection in UWA communication
114	Fault Detection In Differential Spectral Energy Based STATCOM Compensated Double Circuit Line.
33	Multiagent System of Autonomous Underwater Vehicles in Octagon Formation

Technical Paper Presentation: (Session-4) (Machine Learning)

Date: 19-09-2020 Time: 3:45 PM to 5:15 PM

Session Join Link: [Session Link](#)

Session Chair :

Session Co-Chair :

Paper ID	Paper Title
2	An approach for Heart Disease Prediction using Machine Learning
21	Analysis of Covid Confirmed and Death Cases using different ML Algorithms
38	A Circumstantial Methodological Analysis of Recent Studies on NLP-driven Test Automation Approaches
42	Benchmark of Unsupervised Machine Learning Algorithms for condition monitoring
44	Investigation of the Efficiency for Fuzzy Logic based MPPT Algorithm dedicated for standalone Low cost PV systems
54	Measuring the Performance of a Model Semantic Knowledge-base for Automation of Commonsense Reasoning
69	Sentiment Analysis using Semi Supervised Machine Learning Technique

September 20, 2020 (Day 2)

Keynote Talks

Click here to open the [Meeting link](#)

Click here to open [YouTube Live link](#)

10:00 AM - 10:45 AM	<p>#Keynote 3</p> <p>Prof. Siba K Udgata AI Lab, School of Computer and Information Science University of Hyderabad, India Title: Sensing without Sensors: A Deep Learning Model for Human Activity Recognition using Wireless Signals</p> <p>Chairperson: Prof. (Mrs.) Ashima Rout, IGIT Sarang, INDIA</p>
10:45 AM - 11:30 AM	<p>#Keynote 4</p> <p>Dr. Soodkhet Pojprapai School of Ceramic Engineering, Institute of Engineering, Suranaree University of Technology, Thailand Title: Smart Insoles: from Research to Start-up</p> <p>Chairperson: Prof. Sarojananda Mishra, IGIT Sarang, INDIA</p>
11:30 AM - 11:45 Noon	<p>Tea break</p>
11:45 AM - 12:30 PM	<p>#Keynote 5</p> <p>Prof. Yu-Dong Zhang Professor Department of Informatics, University of Leicester, United Kingdom Title: Deep learning and chest CT for COVID-19 detection</p> <p>Chairperson: Prof. Srinivas Sethi, IGIT Sarang, INDIA</p>
12:30 AM - 01:15 AM	<p>#Keynote 6</p> <p>Mr. Aninda Bose Senior Editor Research Publishing – Books (Interdisciplinary Applied Sciences) Springer Nature, New Delhi, India Title: Elements of Book Publishing</p> <p>Chairperson: Prof. Sunil Kumar Tripathy, IGIT Sarang, INDIA</p>
1:15 PM - 2:00 PM	<p>Lunch Break</p>

Technical Paper Presentation: (Session-5) (Internet of Things)**Date: 20-09-2020 Time: 2:00 PM to 3:30PM**Session Join Link: [Session Link](#)**Session Chair :****Session Co-Chair :**

Paper ID	Paper Title
22	How good are classification models in handling dynamic intrusion attacks in IoT?
29	An Energy Efficient Routing with Particle Swarm Op-timization and Aggregate Data for IOT enabled Software Defined Networks
32	Design of IoT Based Real-Time Security System Using Raspberry Pi
36	Fuzzy Q-Reinforcement Learning Based Energy Optimization In IoT Network
46	Distributed Channel Assignment in Cognitive-Radio Enabled Internet of Vehicles
49	Automated Precision Irrigation System using Machine Learning and IoT
81	Analysis of Security Vulnerabilities of Internet of Things and it's Solutions

Technical Paper Presentation: (Session-6) (Machine Learning)**Date: 20-09-2020 Time: 2:00 PM to 3:30PM**Session Join Link: [Session Link](#)**Session Chair :****Session Co-Chair :**

Paper ID	Paper Title
75	Classification of Arrhythmia beats using Optimized K-Nearest Neighbor Classifier
80	Diabetes Prediction Using Machine Learning
83	Cognitive Function of Human Memory using Machine Learning
95	An Earthquake Prediction System for Bangladesh using Deep Long Short-term Memory Architecture
105	Employing Deep Neural Network for Early Prediction of Students' Performance
118	Wi-Fi Fingerprint Localization based on Multi-Output Least Square-Support Vector Regression
3:30 PM to 3:45 PM	Break

Technical Paper Presentation: (Session-7) (IMAGE PROCESSING)

Date: 20-09-2020 Time: 3:45 PM to 5:00 PM

Session Join Link: [Session Link](#)

Session Chair :

Session Co-Chair :

Paper ID	Paper Title
40	Plant Disease Recognition from Leaf Images Using Convolutional Neural Network
56	COVID-19 Detection and Prediction using Chest X-Ray Images
68	Advanced Binary-Matrix based Frequent Pattern Mining Algorithm
101	Off-line Odia Handwritten Characters Recognition using WEKA Environment

Technical Paper Presentation: (Session-8) (OPTIIZATION)

Date: 20-09-2020 Time: 3:45 PM to 5:00 PM

Session Join Link: [Session Link](#)

Session Chair :

Session Co-Chair :

Paper ID	Paper Title
9	Global Path Optimization of Humanoid Nao in Static Environment using Prim's Algorithm
92	A Fuzzy AHP Approach to Evaluate the Strategic Design Criteria of a Smart Robotic Powered Wheelchair Prototype
117	OPTIMIZING THE VALID TRANSACTION USING REINFORCEMENT LEARNING BASED BLOCKCHAIN ECOSYSTEM IN WSN
65	A Nature Inspired based Multi-Objective Service Placement in Fog Computing Environment
41	Optimum Design of Profile Modified Spur Gear Using PSO

Valedictory Function

Time: 5:00 PM to 5:15 PM

Session Link: [Meeting link](#)