

Springer 2023 5th International Conference on Soft Computing and its Engineering Applications (icSoftComp2023)

December 07-09, 2023

Charotar University of Science and Technology, Changa

Schedule (Track-1)

Day-1 (Dec 07, 2023)		
Time (IST)	Session	Session Description
10:00 to 11:00	S1: Technical Session	Session chair: Dr. Gayatri Doctor, CEPT University, Ahmedabad, India Dr. Sonal Jain, SPU, VV Nagar, India Paper ID: 117, 124, 144, 340, 285
117	MTL-rtFND: Multimodal Transfer Learning for real-time Fake News Detection on social media	
124	Classification of Exaggerated News Headlines	
144	Inappropriate Text Detection and Rephrasing using NLP	
340	A Novel Approach for Suggestions on Law Based Problems	
285	Predicting Suicide Ideation from Social Media Text Using CNN-BiLSTM	

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11:00 to 11:30	Keynotes	Dr. Theofanis P. Raptis Institute of Informatics and Telematics, National Research Council (CNR) Pisa, Italy Title: On the Input Representations and Uncertainty Estimation for Wireless Positioning
11:30 to 12:00		Dr. Massimiliano Cannata University of Applied Sciences and Arts of Southern Switzerland (SUPSI) Canobbio, Switzerland Title: Reactive monitoring system
12:00 to 1:00	S2: Technical Session	Session chair: Dr. Jatinderkumar Saini, Symbiosis International (Deemed University), Pune, India Paper ID: 028, 134, 160, 162, 256
028	Multi-Tenant Servitization Platform-as-a-Service Model	
134	Resource Management through Workload Prediction Using Deep Learning in Fog-Cloud Architecture	
160	Energy-Efficient Task Scheduling in Fog Environment using TOPSIS	
162	Dynamic Underload Host Detection for Performance Enhancement in Cloud Environment	
256	A Load-balanced Task Scheduling in Fog-Cloud Architecture: A Machine Learning Approach	

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1:00 to 1:30	Break	
1:30 to 2:30	S3: Technical Session	Session chair: Dr. Pankaj Dadheech, SKIT, Jaipur, Rajasthan, India Paper ID: 069, 122, 153, 183, 184,
069 122 153 183 184	Pixel-Level Segmentation for Multiobject Tracking Using Mask RCNN-FPN OntoOpinionMiner: An Opinion Mining Algorithm for Drug Reviews Using Machine Learning Techniques and Algorithms for predicting the Time Length of Publishing a Law (TLOPL) in the domain of e-Parliament Metagenomic Gene Prediction Using Bidirectional LSTM Machine Learning Enabled Image Classification Using K-Nearest Neighbour and Learning Vector Quantization	
2:30 to 2:45	Invited talk	Dr. Ashis Jalote Parmar Norwegian University of Science and Technology Torgarden, Norway Title: Design research in addressing challenges in health care innovation

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2:45 to 3:00	Invited talk	Dr. Biplab Banerjee Indian Institute of Technology Bombay, Mumbai, India Title: Deep learning for remote sensing images
3:00 to 3:15	Break	
3:15 to 4:30	S4: Technical Session	Session chair: Dr. Gabriel Gomes de Oliveira, University of Campinas (Unicamp), Campinas-SP, Brazil Dr. Aditya Shastri, PDEU, Gandhinagar, India Paper ID: 030, 083, 201, 141, 288
030	Multi Disease Prediction using Ensembling of distinct Machine Learning and Deep Learning Classifiers	
083	Designing AI Based Non-invasive Method for Automatic Detection of Bovine Mastitis	
201	Online Health Information Seeking in Social Media	
141	Enhanced Multi-Step Breast Cancer Prediction through Integrated Dimensionality Reduction and Support Vector Classification	
288	Investigating natural inhibitors of p-glycoprotein (p-gp) liver transporter via molecular docking simulation for hepatocellular carcinoma therapy	

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Day-2 (Dec 08, 2023)		
Time (IST)	Session	Session Description
10:00 to 11:00	S5: Technical Session	Session chairs: Dr. Madhuri Bhavsar, Nirma University, Ahmedabad, India Dr. Kiran Trivedi, Northeastern University, Seattle, Washington, USA Paper ID: 194, 202, 225, 232, 255
194	Deep Metric Learning with Music Data	
202	A simple difference based Inter Frame Video Forgery Detection and Localization	
225	On Finding Non Coding Elements in Genome : A Machine Intelligence Approach	
232	Inverse Reinforcement Learning to Enhance Physical Layer Security in 6G RIS-Assisted Connected Cars	
255	Enhancing IDC Histopathology Image Classification: A Comparative Study of Fine-tuned and Pretrained Models	

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11:00 to 11:30	Invited Talks	<p>Dr. Xun Shao Toyohashi University of Technology Aich, Japan</p> <p>Title: Economic Issues and Our Solutions for Edge Computing-Assisted Applications</p>
11:30 to 12:00		<p>Dr. Sardar Islam Victoria University Melbourne, Australia</p> <p>Title: Quantum Computing and Artificial Intelligence: Technologies, Algorithms and Programming - Benefits and Strategies for its Adoption</p>
12:00 to 1:00	S6: Technical Session	<p>Session chair: Dr. Samir Patel, PDEU, Gandhinagar, India Dr. Ankit R. Patel, University of Minho, Portugal</p> <p>Paper ID: 188, 198, 220, 259, 329</p>
188	Classification using Optimal Polarimetric Parameters for Compact Polarimetric Data	
198	Comparative study of Supervised Classification for LULC Using Geospatial Technology	
220	Estimation of Mass Balance of Baspa Basin, Western Himalayas using remote sensing data	
259	A U-Net Based Approach for High-Accuracy Vegetation Classification in Hyperspectral Remote Sensing	
329	Novel Integrated Conv Siamese Model for Land Cover Change Detection	

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1:00 to 1:30	Break	
1:30 to 2:30	S7: Technical Session	Session chair: Dr. Chandrashekhar Patil, MIT World Peace University, Pune, India Dr. Mukesh Patel, CHARUSAT, Changa, India Paper ID: 215, 260, 307, 217, 262
215	Explainable Artificial Intelligence for Combating Cyberbullying	
260	X-DeepID: An Explainable Hybrid Deep Learning Method for Enhancing IoT Security with Intrusion Detection	
307	Computer Vision-Based Cybersecurity Threat Detection System with GAN-Enhanced Data Augmentation	
217	Three Languages Simulate Polygons and Perform on the Web	
262	Optimized Path Planning Techniques for Navigational Control of Mobile Robot Using Grass Fire Algorithm in Obstacle Environmental	

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2:30 to 2:45	Invited talk	Dr. CHANG Yoong Choon Universiti Tunku Abdul Rahman Kajang, Malaysia Title: Applications of Artificial Intelligence in Smart Home Systems
2:45 to 3:00	Invited talk	Dr. Sonal Jain Sardar Patel University Vallabh Vidyanagar, India Title: Deep Learning technologies for Identification of Dysgraphia: A Learning disability
3:00 to 3:15	Break	
3:15 to 4:30	S8: Technical Session	Session chair: Dr. Sailesh Iyer, Rai University, Ahmedabad Paper ID: 211, 214, 015, 017, 187
<div> <div>211</div> <div>Blockchain Segmentation: An Industrial Solution for Large Scale Data</div> </div> <div> <div>214</div> <div>Iterative Interference Cancellation for STBC-OFDM System over Doubly Selective Channel</div> </div> <div> <div>015</div> <div>Visualization Techniques in VR for Vocational Education: Comparison of Realism and Diegesis on Performance, Memory, Perception and Perceived Usability</div> </div> <div> <div>017</div> <div>Temporal Contrast Sets Mining</div> </div> <div> <div>187</div> <div>A Course Study Planning Framework – An Engineering Perspective</div> </div>		

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Day-3 (Dec 09, 2023)		
Time (IST)	Session	Session Description
10:00 to 11:00	S9: Technical Session	Session chairs: Dr. Manish Paliwal, PDEU, Gandhinagar, India Dr. Amol Bibhute, Symbiosis International (Deemed University), Pune, India Paper ID: 242, 312, 175
242	Non-linear finite element restorative analysis of low shear resistant RC beams strengthened with bio-sisal and GFRP	
312	Performance Evaluation of Service Broker Policies in Cloud Computing Environment using Round Robin	
175	Managing Multiple Identities of IoT Devices Using Blockchain	
109	Novel Channel Fuzzy Logic System Modeling for Aquatic Acoustic Wireless Communication within a Tank	
11:00 to 11:30	Invited talk	Dr. Sharnil Pandya Linnaeus University, Sweden Title: AI-enabled Health Informatics