



Department of Computer Science & Engineering
Jawaharlal Nehru Technological University
 Kakinada, Andhra Pradesh, India 533003



Organizing
2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021)

20-21, August 2021

Program Schedule

Venue: Alumni Auditorium,
 JNTU Kakinada

Day-1 20th August 2021

Time	Activity			
08.30 - 10.00	Registration			
10.00 - 11.15	Inauguration			
11.15 - 11.45	Tea Break			
11.45-13.00	Keynote Address	<i>Advanced architectures of Next Generation Wireless Networks</i> by Dr. Pascal LORENZ University of Haute Alsace, France		
13.00 - 14.00	Lunch Break			
14.00 - 15.30	Paper Presentations	Session-I	Session-II	Session-III
15.30 - 15.45	Tea Break			
15.45-17.00	Keynote Address	Prof. Kurt Tutschku Blekinge Institute of Technology (BTH), Sweden		
17:00-18:30	Paper Presentations	Session-IV	Session-V	Session-VI

Day-2 21st August 2021

Time	Activity			
09.00-11.00	Paper Presentations	Session-VII	Session-VIII	Session-IX
11.00 - 11.15	Tea Break			
11:15-12.30	Keynote Address	<i>SensingGAN: A Lightweight GAN for Real-Time Rain Removal with Self-Attention</i> by Dr. Pao-Ann Hsiung National Chung Cheng University, Chiayi, TAIWAN		
12.30 - 13.45	Keynote Address	<i>Smart Vehicle Forensic</i> by Dr. Warusia Yassin Universiti Teknikal Malaysia Melaka, Malaysia		
13.45-14.15	Lunch Break			
14:15-15:45	Paper Presentations	Session-X	Session-XI	
15.45 - 16.45	Keynote Address	<i>Scientific Writing for Journal Papers</i> by Ms. Kamiya Khatter Editor, Applied Sciences and Engineering, Springer Nature		
17.00 - 17.30	Valedictory Session			



Springer



Jawaharlal Nehru Technological University

Kakinada, Andhra Pradesh, India 533003

Organizing

2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021)

20-21, August 2021

Program Schedule



Session-I		20.08.2021, 14.00-15.30
Paper ID	Title of Paper	Authors
50	An effective DNLP optimization method for Economic Load Dispatch Problem	Dr. P. Dinakara Prasad Reddy P, Ram Prasad K, Vijayakumar Naik M and Devisree C
51	Multi-Perspective Reasoning Using Adaptive Learning	Kumar P, Swaminathan B and Karthikeyan U
55	Ink Recognition using TDNN and Bi-LSTM	Rachakonda Kesav, Premjith B, Soman Kp and Bharati Ganesh Hb
62	Sarcasm Detection for Sentiment Analysis : A RNN based approach using Machine Learning	Rachana P Rao, Swathi Dayanand, Varshitha K R and Keerti Kulkarni
80	Statistical analysis of Soil properties using Non-Imaging Spectral data for quantitative analysis of Raver Tehsil	Vipin Borole and Sonali Kulkarni
89	Building an efficient Heart Disease Prediction system by using clustering techniques	Kamepalli Prasanna and Vijaya J

Session-II		20.08.2021, 14.00-15.30
Paper ID	Title of Paper	Authors
103	Generative Adversarial Network For Music Generation	Suman Maria Tony and S Sasikumar
105	Automatic License Plate Recognition for Distorted Images Using SRGAN	Anita Baral, Anupama Koirala, Sanjay Pantha, Rewant Pokhrel and Bishnu Hari Paudel
110	EEG Signals Classification for Right and Left-hand movement discrimination using SVM and LDA Classifiers	Yogendra Narayan and Rajeev Ranjan
118	Indian Sign Language Detection using YOLOv3	Mallikarjuna Swamy N, Sumanth H S, Keerthi, Manjunatha C and R Sumathi
119	Feature extraction based Phishing URL detection using Machine Learning Techniques	Sri Rama Chandra Murthy Kolati, Tanay Bhattacharya and Dr. Narendran Rajagopalan
126	Tracking Industrial Assets using Blockchain	Bhaskar Lakshmi Vara Prasad Noolu, M.N.A Pramodh, R V S Lalitha, Kayiram Kavitha and K Saritha

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



Springer



Jawaharlal Nehru Technological University

Kakinada, Andhra Pradesh, India 533003

Organizing

2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021)

20-21, August 2021

Program Schedule



Session-III		20.08.2021, 14.00-15.30
Paper ID	Title of Paper	Authors
127	Prototype For Recognition And Classification Of Textile Weaves Using Machine Learning	Rafael Padilha and Raimundo Vasconcelos
132	Development of deep neural network algorithm for identification of Cerebral Micro-Structural Changes in Brain Tumor for post-covid-19 patients	Kunal Khadke
133	A Codebook Modification Method of Vector Quantization to Enhance Compression Ratio	Dibyendu Barman, Abul Hasnat and Bandana Barman
146	Intra change detection in shelf images using Fast Discrete Curvelet Transform and Features from Accelerated Segment Test	Bagyammal T, Latha Parameswaran and Karthikeyan Vaiapury
149	Mucormycosis vaccine design using bioinformatic tools	Saurabh Biswas and Yasha Hasija
155	Modified ResNet Model for MSI and MSS Classification of Gastrointestinal Cancer	Sai Venkatesh Chilukoti, Caleb Meriga, Geethika M.G.V.L, Lakshmi Gayatri T and Aruna V.B.K.L

Session-VII		21.08.2021, 9.00-11.00
Paper ID	Title of Paper	Authors
91	The GR1 Algorithm for Subgraph Isomorphism. A Study from Parallelism to Quantum Computing	Radu-Iulian Gheorghica
95	Sliding Windowed Fuzzy Correlation Analysis Based Marine Motion Detection	Shruthi M.L.J., Harsha B. K. and Indumathi G.
114	The Comparative study on Network Intrusion Detection System using Deep Learning Algorithms and Enhancement of Deep Learning models using Generative Adversarial Network (GAN)	Sekhar Ch, Panja Hemanth Kumar, K Venkata Rao and M.H.M Krishna Prasad
122	A Slant Transform and Diagonal Laplacian based fusion algorithm for visual sensor network Applications	Radha Nainvarapu and Ranga Babu Tummala
153	Blockchain implementation in IoT privacy and cyber security Feasibility Study and Analysis	Yedida V R S Viswanadham and Dr Kayalvizhi Jayavel
173	Unfair Review Detection On Amazon Reviews Using Sentiment Analysis	Dolly Nithisha M, Divya Sri B, Lekhya Sahithi P and Suneetha Manne
183	Computational analysis of ARX based Ciphers using Z3 Solver	Praveen Kumar Gundaram, Appala Naidu and Naresh Babu Muppalaneni
247	Market Basket Analysis Recommender System using Apriori Algorithm	Samarth Vaishampayan, Gururaj Singh, Vinayakprasad Hebasur and Rupali Kute

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



Springer



Jawaharlal Nehru Technological University

Kakinada, Andhra Pradesh, India 533003



Organizing

2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021)

20-21, August 2021

Program Schedule

Session-VIII		21.08.2021, 9.00-11.00
Paper ID	Title of Paper	Authors
188	A Systematic Review of Deep Learning Approaches for Computer Network and Information Security	Khushnaseeb Roshan and Prof. Aasim Zafar
194	Online Mail Junk Penetration by using Genetic Algorithm Probabilistic Weights and Word Compute	Dr S Pradeep, Dr G Sreeram and M Venkata Krishna Reddy
216	Efficient Structural Matching for RNA Secondary Structure Using Bit-Parallelism	Muhammad Muhammad, Salu George Thandekkattu, Sandip Rakshit and Narasimha Rao Vajjhala
221	Facial emotion recognition using Hybrid approach for DCT and DBACNN	Anjani Suputri Devi D, Satyanarayana Ch and Sasi Rekha D
248	Meta-analysis to prognosis Myocardial Infarction using 12 Lead ECG	Jothiaruna N and Anny Leema
274	Prediction of Diabetes And Recommendation Of Insulin Dosage For Diabetic Patients	Azmath Hussain, Sasi Kiran, Ravi Teja, Nikhil, Venkata Prasanth and M.M. Meera Durga
278	A Cloud Based Breast Cancer Risk Prediction (Bcrp) System	Madhavi Desai and Vipul Mistry
287	Power Aware Energy Efficient Virtual Machine Migration (PAEEVMM) Method in Cloud Computing	Tajinder Kaur and Dr. Anil Kumar

Session-IX		21.08.2021, 9.00-11.00
Paper ID	Title of Paper	Authors
164	An IoT-enabled healthcare system: Auto-predictive colorectal cancer with colonoscopy images combined with the convolutional neural network	Akella S Narasimha Raju, Dr. Kayalvizhi Jayavel and Dr. T. Raja Lakshmi
174	Decentralized Coded Caching for The Internet of Things(IoT) Using User Cooperation	Tasnimatul Jannah and Asaduzzaman
285	Automatic Road Network Reconstruction from GPS Trajectory Data using Curve Reconstruction Algorithms	Philumon Joseph, Binsu C Koor and Job Thomas
288	Automotive RADAR basics and human classification algorithms: Analytical modelling of practical challenges	Anto Jeyaprabu James and Kayalvizhi Jayavel
314	Clinical Text Classification Of Medical Transcriptions Based On Different Diseases	Yadukrishna Sreekumar and Nizar Banu P K
316	A Hybrid Acoustic model for Effective Speech Emotion Classification by the Deep Fusion of Spectral and Prosodic Features using CNN and DNN	Maganti Syamala and N. J Nalini
318	Use of Relay nodes in WBAN based smart healthcare for energy conservation	Koushik Karmakar, Sohail Saif, Suparna Biswas and Sarmistha Neogy
322	Design and Implementation of Intelligent Treadmill with Fitness Tracker using Raspberry Pi and IOT	Padmaja Sardal, Umesh Sangade, Kshitija Shinde and Ashwini Shinde

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



Springer



Organizing

2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021)

20-21, August 2021

Program Schedule

Session-X		21.08.2021, 14.15-15.45
Paper ID	Title of Paper	Authors
186	Personal Safety Monitoring Devices in Wake of COVID19: Application of IoT and Sensor Technology	Satyabrata Dash and Vadhri Suryanarayana
234	SquashCord: Video Conferencing Application using WebRTC	Adhiksha Thorat and Avinash Bhute
238	A Hybrid Pipeline For The Segmentation Of Eye Regions From Video Frame	Abhishek Udayakumar Guragol, Adish Rao, Siddhanth Ajri, Aniruddha Mysore, Gowri Srinivasa, Rajath Shetty and Poulami Sarkar
239	EIDIMA: Edge Based Intrusion Detection of IoT Malware Attacks using Decision Tree Based Boosting Algorithms	Santhadevi D and Janet B
253	Biometric Recognition from Face-Voice Using Rough-Neuro-Fuzzy Classifiers	Anil B.V and Ravikumar M S
307	A Deep Convolutional Neural Network for COVID-19 Chest CT-Scan Image Classification	L Kanya Kumari and B Naga Jagadesh

Session-XI		21.08.2021, 14.15-15.45
Paper ID	Title of Paper	Authors
204	A Novel Study and Analasys On Global Navigation Satellite System Threats And Attacks	Dr Krishna Samalla and Dr P Naveen Kumar
213	Modified gaussian mixture distribution based deep learning technique for beamspace channel estimation in mmwave massive MIMO systems	Baranidharan V, Hariprasath N, Tamilselvi K, Vignesh S, Chandru P, Srinigha A and Yashwanthi V
267	Early Breast Cancer Detection From Blood Plasma Using Hubness Aware Adaptive Neural Network With Hybrid Feature Selection	Raja Sree S and Kunthavai A
270	Comparative Analysis of CNN Methodologies used for Classification of Diabetic Retinopathy	Sudharshan Duth P and Elton Grivith D Souza
291	A Study on Defensive Issues and Challenges in Internet of Things	K Venkateswara Rao, D Srilatha, K Sushma and K Vivek
325	CXR-15: Deep Learning Based Approach towards pneumonia detection from Chest X-rays	Sneha Rao, Suyash Ladda, Sumedha Sirsikar and Vibhor Saran

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



Springer