

Lecture Notes in Electrical Engineering 853

Ch. Satyanarayana

Debasis Samanta

Xiao-Zhi Gao

Rajiv Kumar Kapoor *Editors*

# High Performance Computing and Networking

Select Proceedings of CHSN 2021

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# Lecture Notes in Electrical Engineering

## Volume 853

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Ch. Satyanarayana · Debasis Samanta ·  
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*Editors*

Ch. Satyanarayana  
Jawaharlal Nehru Technological University  
Kakinanda, Andhra Pradesh, India

Xiao-Zhi Gao  
School of Computing  
University of Eastern Finland  
Kuopio, Finland

Debasis Samanta  
Department of Computer Science  
and Engineering  
Indian Institute of Technology Kharagpur  
Kharagpur, West Bengal, India

Rajiv Kumar Kapoor  
Department of Electronics  
and Communication Engineering  
Delhi Technological University  
New Delhi, Delhi, India

Prof. Ch. Satyanarayana is Deceased.

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*Dedicated to*



*Late Prof. Ch. Satyanarayana  
Professor and Registrar  
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Kamiya Khatter  
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# Foreword

The 2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021) is aimed to bring researchers together working in this area to share their knowledge and experience. In this conference, topics of contemporary interested would be discussed to provide a holistic vision on latest technologies for computer science and engineering. The scope includes data science, machine learning, computer vision, deep learning, artificial intelligence, artificial neural networks, mobile applications development and Internet of Things, etc. Conference participants are expected to gain relevant knowledge and better understanding of the applications of computer science in various fields.

CHSN-2021 would be both stimulating and informative with the active participation of galaxy of keynote speakers. We would like to thank all the authors who submitted the papers, because of which the conference became a story of success. We also would like to express our gratitude to the reviewers, for their contributions to enhance the quality of the papers. We are very grateful to the keynote speakers, reviewers, session chairs and committee members who selflessly contributed to the success of CHSN-2021. We are very thankful to Jawaharlal Nehru Technological University Kakinada, Kakinada, for providing the basic requirements to host the CHSN-2021.

Last but not least, we are thankful for the enormous support of publishing partner, i.e. Springer, for supporting us in every step of our journey towards success.

Dr. D. Haritha  
Convener, CHSN-2021  
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# Contents

|  |     |
|--|-----|
| <b>An Effective DNLP Optimization Method for Economic Load Dispatch Problem</b> .....  | 1   |
| P. Dinakara Prasad Reddy, K. Ram Prasad, M. Vijayakumar Naik, and Ch. Devisree   |     |
| <b>Multi-Perspective Reasoning Using Adaptive Learning</b> .....   | 19  |
| P. Kumar, B. Swaminathan, and U. Karthikeyan   |     |
| <b>Ink Recognition Using TDNN and Bi-LSTM</b> .....  | 35  |
| R. Sai Kesav, H. B. Barathi Ganesh, B. Premjith, and K. P. Soman   |     |
| <b>Sarcasm Detection for Sentiment Analysis: A RNN-Based Approach Using Machine Learning</b> .....                             | 47  |
| Rachana P. Rao, Swathi Dayanand, K. R. Varshitha, and Keerti Kulkarni  |     |
| <b>Statistical Analysis of Soil Properties Using Non-imaging Spectral Data for Quantitative Analysis of Raver Tehsil</b> ..... | 57  |
| Vipin Y. Borole and Sonali B. Kulkarni   |     |
| <b>Building an Efficient Heart Disease Prediction System by using Clustering Techniques</b> .....                              | 69  |
| Kamepalli. S L Prasanna and J. Vijaya  |     |
| <b>The GR1 Algorithm for Subgraph Isomorphism. A Study from Parallelism to Quantum Computing</b> .....                         | 83  |
| Gheorghica Radu-Iulian   |     |
| <b>Sliding Windowed Fuzzy Correlation Analysis-Based Marine Motion Detection</b> .....   | 95  |
| M. L. J. Shruthi, B. K. Harsha, and G. Indumathi   |     |
| <b>Generative Adversarial Network for Music Generation</b> .....   | 109 |
| Suman Maria Tony and S. Sasikumar  |     |

**Automatic License Plate Recognition for Distorted Images Using SRGAN** ..... 121  
Anita Baral, Anupama Koirala, Sanjay Pantha, Rewant Pokhrel, and Bishnu Hari Paudel

**EEG Signals Classification for Right- and Left-Hand Movement Discrimination Using SVM and LDA Classifiers** ..... 133  
Yogendra Narayan and Rajeev Ranjan

**A Comparative Study on Network Intrusion Detection System Using Deep Learning Algorithms and Enhancement of Deep Learning Models Using Generative Adversarial Network (GAN)** ..... 143  
Ch. Sekhar, Panja Hemanth Kumar, K. Venkata Rao, and M. H. M. Krishna Prasad

**Indian Sign Language Detection Using YOLOv3** ..... 157  
N. Mallikarjuna Swamy, H. S. Sumanth, Keerthi, C. Manjunatha, and R. Sumathi

**Feature Extraction-Based Phishing URL Detection Using Machine Learning Techniques** ..... 169  
Kolati Sri Rama Chandra Murthy, Tanay Bhattacharya, and Narendran Rajagopalan

**A Slant Transform and Diagonal Laplacian Based Fusion Algorithm for Visual Sensor Network Applications** ..... 181  
Radha Nainvarapu, Ranga Babu Tummala, and Mahesh Kumar Singh

**Tracking Industrial Assets Using Blockchain Technology** ..... 193  
N. B. L. V. Prasad, M. N. A. Pramodh, R. V. S. Lalitha, Kayiram Kavitha, and K. Saritha

**Prototype for Recognition and Classification of Textile Weaves Using Machine Learning** ..... 205  
Rafael Padilha and Raimundo Cláudio da Silva Vasconcelos

**Development of Deep Neural Network Algorithm for Identification of Cerebral Microstructural Changes in Brain Tumor for Post-COVID-19 Patients** ..... 215  
Kunal Khadke

**A Codebook Modification Method of Vector Quantization to Enhance Compression Ratio** ..... 227  
Dibyendu Barman, Abul Hasnat, and Bandana Barman

**Intra Change Detection in Shelf Images Using Fast Discrete Curvelet Transform and Features from Accelerated Segment Test** ..... 235  
T. Bagyammal, Parameswaran Latha, and Vaiapury Karthikeyan

**Mucormycosis Vaccine Design using Bioinformatic Tools** ..... 247  
Saurabh Biswas and Yasha Hasija

**Blockchain Implementation in IoT Privacy and Cyber Security Feasibility Study and Analysis** ..... 259  
Yedida V. R. S. Viswanadham and Kayalvizhi Jayavel

**Modified ResNetModel for MSI and MSS Classification of Gastrointestinal Cancer** ..... 273  
C. H. Sai Venkatesh, Caleb Meriga, M. G. V. L. Geethika, T. Lakshmi Gayatri, and V. B. K. L. Aruna

**An IoT-Enabled Healthcare System: Auto-predictive Colorectal Cancer with Colonoscopy Images Combined with the Convolutional Neural Network** ..... 283  
Akella S. Narasimha Raju, Kayalvizhi Jayavel, and T. Rajalakshmi

**Unfair Review Detection on Amazon Reviews Using Sentiment Analysis** ..... 295  
M. Dolly Nithisha, B. Divya Sri, P. Lekhya Sahithi, and M. Suneetha

**Decentralized Coded Caching for the Internet of Things (IoT) Using User Cooperation** ..... 307  
Tasnimatul Jannah and Asaduzzaman

**Cryptanalysis of SIMON (32/64) Cipher Using Satisfiability Modulo Theories** ..... 319  
Praveen Kumar Gundaram, Appala Naidu Tentu, and Naresh Babu Muppalaneni

**Personal Safety Monitoring Devices in Wake of COVID19: Application of IoT and Sensor Technology** ..... 331  
Satyabrata Dash and Vadhri Suryanarayana

**A Systematic Review of Deep Learning Approaches for Computer Network and Information Security** ..... 345  
Khushnaseeb Roshan and Aasim Zafar

**Online Mail Junk Penetration by Using Genetic Algorithm Probabilistic Weights and Word Compute** ..... 357  
S. Pradeep, G. Sreeram, and M. Venkata Krishna Reddy

**A Novel Study and Analysis on Global Navigation Satellite System Threats and Attacks** ..... 371  
Krishna Samalla and P. Naveen Kumar

**Modified Gaussian Mixture Distribution-Based Deep Learning Technique for Beamspace Channel Estimation in mmWave Massive MIMO Systems** ..... 383  
V. Baranidharan, N. Hariprasath, K. Tamilselvi, S. Vignesh, P. Chandru, A. Srinigha, and V. Yashwanthi

**Efficient Structural Matching for RNA Secondary Structure Using Bit-Parallelism** ..... 399  
Muhammad Yusuf Muhammad, Salu George Thandekkattu, Sandip Rakshit, and Narasimha Rao Vajjhala

**Facial Emotion Recognition Using Hybrid Approach for DCT and DBACNN** ..... 411  
D. Anjani Suputri Devi, Ch. Satyanarayana, and D. Sasi Rekha

**SquashCord: Video Conferencing Application Using WebRTC** ..... 425  
Adhiksha Thorat and Avinash Bhute

**A Hybrid Pipeline for the Segmentation of Eye Regions from Video Frames** ..... 437  
Adish Rao, Aniruddha Mysore, Abhishek Guragol, Rajath Shetty, Siddhanth Ajri, Poulami Sarkar, and Gowri Srinivasa

**EIDIMA: Edge-based Intrusion Detection of IoT Malware Attacks using Decision Tree-based Boosting Algorithms** ..... 449  
D. Santhadevi and B. Janet

**Market Basket Analysis Recommender System using Apriori Algorithm** ..... 461  
Samarth Vaishampayan, Gururaj Singh, Vinayakprasad Hebasur, and Rupali Kute

**Meta-Analysis to Prognosis Myocardial Infarction Using 12 Lead ECG** ..... 473  
N. Jothiaruna and A. Anny Leema

**Biometric Recognition from Face-Voice Using Rough-Neuro-Fuzzy Classifiers** ..... 489  
B. V. Anil and M. S. Ravikumar

**Early Breast Cancer Detection from Blood Plasma Using Hubness-Aware Adaptive Neural Network with Hybrid Feature Selection** ..... 503  
S. Raja Sree and A. Kunthavai

**Comparative Analysis of CNN Methodologies Used for Classification of Diabetic Retinopathy** ..... 515  
P. Sudharshan Duth and Elton Grivith D. Souza

**Prediction of Diabetes and Recommendation of Insulin Dosage for Diabetic Patients** ..... 525  
 MD. Azmath Hussain, N. Sasi Kiran, A. Ravi Teja, Y. Nikhil, G. Venkata Prasanth, and M. M. Meera Durga

**A Cloud Based Breast Cancer Risk Prediction (BCRP) System** ..... 535  
 Madhavi B. Desai and Vipul H. Mistry

**Automatic Road Network Reconstruction from GPS Trajectory Data using Curve Reconstruction Algorithms** ..... 551  
 Philumon Joseph, Binsu C. Koor, and Job Thomas

**Power Aware Energy Efficient Virtual Machine Migration (PAEEVMM) in Cloud Computing** ..... 565  
 Tajinder Kaur and Anil Kumar

**Automotive RADAR Human Classification Algorithm Through Simulation Analysis: Basics and Practical Challenges** ..... 575  
 Anto Jeyaprabu James and Kayalvizhi Jayavel

**A Study on Defensive Issues and Challenges in Internet of Things** ..... 591  
 K. Venkateswara Rao, D. Sri Latha, K. Sushma, and Kolla Vivek

**A Deep Convolutional Neural Network for COVID-19 Chest CT-Scan Image Classification** ..... 603  
 L. Kanya Kumari and B. Naga Jagadesh

**Clinical Text Classification of Medical Transcriptions Based on Different Diseases** ..... 613  
 Yadukrishna Sreekumar and P. K. Nizar Banu

**A Hybrid Acoustic Model for Effective Speech Emotion Classification by the Deep Fusion of Spectral and Prosodic Features Using CNN and DNN** ..... 625  
 Maganti Syamala, N. J. Nalini, and Lakshmana Phaneendra Maguluri

**Application of Relay Nodes in WBAN-Based Smart Healthcare for Energy Conservation Explained with Case Studies** ..... 639  
 Koushik Karmakar, Sohail Saif, Suparna Biswas, and Sarmistha Neogy

**Design and Implementation of Intelligent Treadmill with Fitness Tracker Using Raspberry Pi and IOT** ..... 649  
 Padmaja Sardal, Kshitija Shinde, Umesh Sangade, and Ashwini Shinde

**CXR-15: Deep Learning-Based Approach Towards Pneumonia Detection from Chest X-Rays** ..... 659  
 Sneha Rao, Vishwa Mohan Singh, Sumedha Sirsikar, and Vibhor Saran