International Conference on Sustainable Computing

SUSCOM-2024

March 18 - 19, 2024

Day I: March 18, 2024		
Time (IST)	**Session**	**Joining Link**
9.30 - 10.30 hrs	**Inaugural Ceremony**	Join
Keynote I 10.30 - 11.30 hrs	**Speaker:** Thom Ives, Sr. Data Scientist, Echo Global Logistics, Founder, Integrated ML & AI & Multi-Physics Engineer, USA **Talk Title**: Toward Full-Stack Data Science	
11.30 - 13.00 hrs	Parallel Sessions (I - II) for Research Paper Presentation	
Session I (11.30 - 13.00 hrs)	Sustainable Data Security & Cloud Computing	Join
Session II (11.30 - 13.00 hrs)	Sustainable Data Privacy & Cryptography	Join
13.00 - 14.00 hrs	Lunch Break	
14.00 - 15.30 hrs	Parallel Sessions (III - IV) for Research Paper Presentation	
Session III (14.00 - 15.30 hrs)	Machine Learning & their Sustainability	Join
Session IV (14.00 - 15.30 hrs)	Cyber Physical System	Join
Day II: March 19, 2024		
Time (IST)	**Session**	
Keynote II 9.30 - 10.30 hrs	**Speaker:** Prof Dhaval Maheta, Department of Business and Industrial Management, Veer Narmad South Gujarat University, Surat, India **Talk Title**: Machine Learning	Join
10.30 - 12.00 hrs	Parallel Sessions (V - IX) for Research Paper Presentation	
Session V (10.30 - 12.00 hrs)	Sustainable Information Optimization	Join
Session VI (10.30 - 12.00 hrs)	Interdisciplinary Sustainable Development	Join
Session VII (10.30 - 12.00 hrs)	Statistical Management & their Sustainability	Join
Session VIII (10.30 - 12.00 hrs)	Machine Learning & their Sustainability	Join
Session IX (10.30 - 12.00 hrs)	Interdisciplinary Computational Science	Join
12.30 - 13.00 hrs	**Valediction**	Join

PAPER PRESENTATION SCHEDULE

Day 1: March 18, 2024 (Monday)		
Session I: 11.30 - 13.00 Hrs **Joining Link: https://meet.google.com/jfa-fyyp-ajs**		
Track: Sustainable Data Security & Cloud Computing		
PID	**Title**	**Corresponding Author**
252	Unveiling Crypto Analysis Secrets: Comprehensive Analysis of Security in Smart Contracts within Network Environments	Prashant Vats
248	Unleashing a Cascade of Machine Learning for Turbocharged Sequence Alignment in Discrete Mathematical Sciences using GPU	Karamjeet Kaur
57	Mathematical Morphology based Lung Segmentation using Multiscale Dense Pyramid Network Architecture	Pramod Kumar Soni
229	Data Security Challenges and its Solutions in Cloud Computing Using Quantum Resistant Advanced Encryption Standards	Pramod Kumar Soni
55	Security Threats and Mitigation Techniques Affecting Trust Computation in Cloud Computing	Vinod Saraf
91	Radial Radio Mean labelling of Grotzsch Graph and Some Graphs	Soumya Ranjan Nayak
203	Missing Relation Prediction in Knowledge Graph using Local and Neighbour Aware Entity Embedded	Anish Khobragade

PAPER PRESENTATION SCHEDULE

Day 1: March 18, 2024 (Monday)		
Session II: 11.30 - 13.00 Hrs **Joining Link: https://meet.google.com/dmf-qsad-ncd**		
Sustainable Data Privacy & Cryptography		
PID	**Title**	**Corresponding Author**
135	A New Frontier in Information Security: Polynomial-Fibonacci Hybrid Cryptography	Gudela Ashok
92	Local Antimagic Vertex Coloring of a Myceilski of Graphs	Soumya Ranjan Nayak
109	Human Skin Encryption based Efficient Feedback Mode for Privacy Protection Method in Surveillance Video	K Rajendra Prasad
108	Convolutional-Based Variational Autoencoders for Face Privacy Protection in Video Surveillance	K. Rajendra Prasad
150	Superencryption Tenchique of Graphs Via Matricial Approach	Triveni Domda
265	An Expert System for Detection of Key Pinch and Tripod Hand Grip based on sEMG Signals	Swati Shilaskar
85	Multilayered Authentication for ATM Transaction using Keystroke Dynamics and Touch Dynamics	Pragya Vaishnav

PAPER PRESENTATION SCHEDULE

Day 1: March 18, 2024 (Monday)		
Session III: 14.00 - 15.30 Hrs **Joining Link: https://meet.google.com/jfa-fyyp-ajs**		
Machine Learning & their Sustainability		
PID	**Title**	**Corresponding Author**
67	Leveraging Ensemble Learning for Enhanced Security in Credit Card Transaction Fraudulent within Smart Cities for Cybersecurity Challenges	Bharat Kumar Padhi
149	STEM: Secure Transfer of Encrypted Message in IoT Networks	Rahul Johari
87	Applications of Artificial Intelligence in Cyber Security	Poonam Singh
106	Security Issues in Various Cloud Computing Service Models and Suggested Solutions	Dinesh Kumar Saini
31	A Derived Mathematical MAC-Generative Network for Restoration and Detection of Images	Shilpa Sharma
93	Square Difference Labeling and Co-Secure Domination in Middle Graph of certain Graphs	Soumya Ranjan Nayak
79	A Novel Method for Vehicular Network System using Static QR code for Bituminous Roads	G.L. Saini

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Day 1: March 18, 2024 (Monday)		
Session IV: 14.00 - 15.30 Hrs **Joining Link: https://meet.google.com/dmf-qsad-ncd**		
Cyber Physical System		
PID	**Title**	**Corresponding Author**
124	A Review on Quantum Utility for Secure Authentication Protocol towards Cryptographic Standard in Quantum Dot Cellular Automata	Suparba Tapna
39	Teachable Machine: A Web Based Machine Learning Tool for User Voice Biometric Authentication System	Vinod Chhipa
267	IoT Security Cryptographic Solutions for Trustworthy Wireless Sensor Networks	Vidya Chitre
272	Ethical Hacking and Penetration Testing Strengthening Cybersecurity Posture through Offensive Security Measures	Vivek Deshpande
71	Novel Framework for Enhancing Security of SDN based VPLS Architecture	Umashankar Rawat
271	A Scalable Infrastructure for Cyber-Physical-Social Networking with IoT and Low-Power Sensors	Nitin N. Sakhare

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Day 2: March 19, 2024 (Tuesday)		
Session V: 10.30 - 12.00 Hrs **Joining Link: https://meet.google.com/jfa-fyyp-ajs**		
Sustainable Information Optimization		
PID	**Title**	**Corresponding Author**
126	MRBUP: MapReduce Based Scalable User Profiling in Recommender System	Anjali Gautam
69	Solving Neutrosophic Critical Path Problem Using Python	Ranjan Kumar
111	Bi-Clustering based Recommendation System	Mahesh Shamrao Mali
140	A review on edge computing with data analysis and IoT techniques	Himani Jain
38	Random Forest Machine Learning Approach for Efficient Optimization of Sierpinski Carpet Fractal Antenna	Rakhee Patil
44	Novel Approach for the Design of Attack-Aware Context-Based Blockchain Model	Smita Kapse
80	Decoding Consumer Voice: Sentiment Analysis of Web-Scraped Product Reviews	Abhijith S

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Day 2 March 19, 2024 (Tuesday)		
Session VI: 10.30 - 12.00 Hrs **Joining Link: https://meet.google.com/dmf-qsad-ncd**		
Interdisciplinary Sustainable Development		
PID	**Title**	**Corresponding Author**
266	Image Based Identification of Millets Using Fusion of Hu Moments and LBP	Swati Shilaskar
88	A Relational Rule-based System for PDF Malware Detection	Deepak Kshirsagar
26	Particle Swarm Optimization Model for Hindi Text Summarization	Rekha Jain
53	Blockchain Consensus Challenges and An Efficient Novel Consensus Mechanism	Avinash R Kshirsagar
62	Detection of Twitter Hate Tweets Leading to Crime using Multiseries Bert Model	Tenzin Choesang
59	An Internet of Things (IoT)-Based Smart Irrigation and Crop Suggestion Platform for Enhanced Precision Agriculture	Kartik Ingole
11	Empirical Algorithm to Detect Skin Disease using Deep Convolution Neural Networks through Mobilenet Algorithm	Ganesh Kumar Yadav

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<tr><td colspan="3" align="center">**Statistical Management & their Sustainability**</td></tr>
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<tr><td>115</td><td>A comparative study of ASD tests and Gold Standard rated ASD tests: ADI-R and ADOS</td><td>Anjana Poonia</td></tr>
<tr><td>163</td><td>A Mathematical Approach to Model Signal Variation in an Aquatic Robot's Environmental Sensor Using Heavy-Tailed Distributions</td><td>Govind Murari Upadhyay</td></tr>
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Day 2: March 19, 2024 (Tuesday)		
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Machine Learning & their Sustainability		
PID	**Title**	**Corresponding Author**
33	Estimating the Opening Stock Price Index for Indian Market under the Influence of Varying Crude Oil and Dollar Values through Statistical Time Series Analysis	Rahul Maheshwari
237	Stock Market Prediction using ARIMA-LSTM Hybrid	Vivek Kapoor
65	Inventory Model with Sensitivity Analysis under Uncertain Environment	Ranjan Kumar
84	Solving Neutrosophic Minimal Cost Flow Problem Using Multi-Objective Linear Programming Problem	Ranjan Kumar
30	A Hybrid Deep Learning Model for Accurate Time Series Forecasting of Cryptocurrencies	Vivek Kapoor
144	Malware Strategies and Issues in Examination	Mathe Ramakrishna

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<tr><td colspan="3">Interdisciplinary Computational Science</td></tr>
<tr><td>PID</td><td>Title</td><td>Corresponding Author</td></tr>
<tr><td>143</td><td>An Intrusion Detection System for Industrial IoT using Chi-square Feature Selection</td><td>Ved S. Bilaskar</td></tr>
<tr><td>25</td><td>Performance Analysis of UKM-IDS20 Dataset on Machine Learning Algorithms</td><td>Kiran S Pawar</td></tr>
<tr><td>112</td><td>A Comprehensive Survey and Review of Machine Learning techniques in Document Processing: Industry Applications and Future Directions</td><td>Manisha Tiwari</td></tr>
<tr><td>131</td><td>A Systematic Literature Review on Data Flow Testing Techniques</td><td>Nisha Rathee</td></tr>
<tr><td>143</td><td>An Intrusion Detection System for Industrial IoT using Chi-square Feature Selection</td><td>Ved S. Bilaskar</td></tr>
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<tr><td>95</td><td>A Method to Estimate Crowd Size and Crowd Count</td><td>Ravi Saharan</td></tr>
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