3rd International Conference on Machine Intelligence and Signal Processing

(MISP 2021), September 23-25, 2021

National Institute of Technology Arunachal Pradesh, Yupia, Dist-Papum Pare, PIN-791112, Arunachal Pradesh, India

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Topics in the MISP 2021 Technical Program include but are not limited to:

Machine Learning

Feature Extraction

Least-Squares SVM (LS-SVM)

Support Vector Machines (SVM)

Twin SVM (TWSVM)

Extreme Learning Machine (ELM) Artificial Neural Network (ANN)

Kernel Design

Randomization-Based Neural Networks and

Learning Systems

Machine Learning Architectures and Formulations

Medical, Biological and Cell Microscopy

Neural Generative Models, Auto Encoders, GANs Optimization and Learning Methods

Natural Language Processing Hybrid Machine Learning Systems for NLP

Information Retrieval & Extraction

Artificial Intelligence and Recommender systems

Data, Web, and Text mining Trustworthy Machine Learning

Signal Processing

Signal Processing Systems and Architectures

Signal Processing Algorithms

Time-Frequency Analysis

Nonlinear Signal Processing Nonstationary Signal Processing

Adaptive Signal Processing

Signal Processing for Smart System
Biomedical Signal Processing and Bioinformatics

Sparse Signal Processing

Signal Processing for IoT

Coding and Compression

Signal Processing for Smart Systems

Computer Vision & Pattern Recognition

3D Computer Vision

Action and Behaviour Recognition

Adversarial Learning, Adversarial Attack and Defence Biometrics, Face, Gesture, Body Pose

Computational Photography, Image and Video

Synthesis Datasets and Evaluation Efficient Training and Inference Methods for

Explainable AI, Fairness, Accountability, Privacy,

Transparency and Ethics in Vision Image Retrieval

Recognition (Object Detection, Categorization)

Computational Learning Theory

Incremental Learning and Online Learning Reinforcement Learning and Planning

Manifold Learning and Regularization Multi-Task Learning

Semi-Supervised Learning

Dimensionality Reduction Probabilistic Methods

Applications

Brain-Computer Interfacing

Human-Machine Interaction

Automated Machine Interaction

Early Diagnosis of Alzheimer's disease

Climate Science, Hydrology

Brain Imaging, Epilepsy Detection Detection of Sleep disorders

Computational Biology Crowdsourcing, Healthcare, Neuroscience

Social Good

Big Data Analytics

Big Data: Novel Theory, Algorithms and

The 3rd International Conference on Machine Intelligence and Signal Processing (MISP 2021) will be held at National Institute of Technology

Arunachal Pradesh, India, during September 23 25, 2021. This conference is meant for

researchers all over the globe interested in the

disorders like epilepsy, Alzheimer's, sleep disorders etc. Other applications of machine learning and signal processing techniques are

machine learning met

areas of data mining, artificial intellig

signal proce

Applications

5 V's of Big Data MapReduce for Big Data Processing

Distributed File Systems for Big Data Big Data Visualization

Big Data Mining

Large Data Stream Processing

Big Data Applications

Sensor Network, Social Network and Big Data Techniques, Models and Algorithms for Big

Big Data Analytics and Social Media Hardware/Software Infrastructure for Big Data Mobile Communications and Networks Security and Privacy for Big Data

Data Compression Machine Learning and AI for Big Data

Network Intelligence

Artificial Intelligence Techniques and Models

for Network and Service Management

Wireless Ad Hoc Networks Vehicular Ad Hoc Networks

Smart Service Orchestration and Delivery

Software-defined Networking

Centralized vs Distributed Control of SDN/NFV

IoT and Machine Learning

Encryption and Cybersecurity Cloud Computing and Security

Cloud Computing Models, Simulations,

Designs, and Paradigms Data Security and Privacy in the IoT

Description Scopus

BlockChain Technology

in the last conferences MISP 2017 (IIT Indore) and MISP 2019 (IIIT Allahabad), all accepted papers have been published in the Conference Proceeding as Springer book series in Springer. This year also the Conference Proceeding will be published in the Springer book series "Advances in Intelligent Systems and Computing (AISC)" (https://www.springer.com/series/11156) (Approval Pending). Authors are requested to submit their Manuscripts through the Easy Chair System. The paper must be in Springer AISC series format and of maximum 12 pages. Selected and extended versions of research papers will be forwarded for publication as a

Special Issue in Scopus and SCI/SCIE indexed Journals of repute. Click on the following links to submit the Manuscripts and read the guidelines.

EasyChair Submission

Springer Author's Guidelines

Important Dates Submission Deadline: April 1, 2021 Acceptance Notification: May 1, 2021

Camera Ready Submission: May 10, 2021

Registration: May 15, 2021 NOTE: Virtual Presentation will be allowed due to COVID-19 Pandemic for Foreign Delegates.

.cademic/ Technical Collaborators





Institute of Technology



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Intelligent

Computing