



International Conference on Computational Modeling, Optimization & Simulation.

CMOS-2024 | April 27th, 2024 | IIMT, Bhubaneswar | Timing: 11:00 A.M.- 01:30 P.M. (India)

Venue: **Interscience Institute of Management and Technology (IIMT), Bhubaneswar.**

PROGRAMME SCHEDULE April 27th, 2024 (Paper Presentation)

Join Zoom Meeting: <https://us02web.zoom.us/j/87581831307?pwd=TWREZnNmYmFaMStFZnlVUUpOWHZCQT09>

Meeting ID: 875 8183 1307 Passcode: 277379

Paper Presentation

11:00 A.M- 11:10 A.M Inaugural Address by **Dr. Bharat Jyoti Ranjan Sahu**, Siksha O Anusandhan University, Department of Computer Science and Engineering.

11:10 A.M- 11:40 A.M Keynote address by **Dr. Ata Jahangir Moshayedi**, Associated Professor, School of Information Engineering, Jiangxi University of Science and Technology, China.

Speech title: Gas Sensor Modeling from Simple Equation to Electronic Nose, Enose Challenges.

Track- 1: Computational modeling and simulation

Paper id	Paper Title & Name of Author/s
CMOS-2401	Empirical Research Based on Deep Interest Network Model. Xueliang Li
CMOS-2406	Predicting Forestry Development in Guizhou Province Based on VAR Model. Wanyue Zhang; Youhui Bao; Liang Wu; Yuting Wang
CMOS-2407	Deep Learning-Based Intelligent Data Analysis System for Crop Management. Ziyan Niu; Yizhen Liu; Jiaqi Zhou
CMOS-2411	Modeling the Influence of Low-level Jet Height on Wake of Horizontal Axis Wind Turbine. Jianmei Zhang; Zhenzhen Zhang; Ruixiao Zhang; Qianyu Wang
OS2403	Research on the Intelligent Generation Method of New Media Art Based on User Experience. Caixian Ye; Yuying Yang; Tsenguun Ganbat; Jun Tang; Lijun Xu
OS2403	Intelligent Identification Method of Athlete's Fingerprint Based on Detail Matching Algorithm. Peng Zhou
OS2412	Design of Network Intrusion Detection System Based on Machine Learning. Yun Tian
OS2415	Prediction of Flow Characteristics in Oil Recess of Computer Numerical Control Machine Tools Based on Deep Convolutional Neural Network (CNN). Jing Wang, Kun Wang, Xian Li, Lin Zhou
CMOS-2420	Exploration of Network Behavior under Big Data: Network Anomaly Detection Using Autoencoders and LSTM. Yajing Huang, Jia Liu
CMOS-2422	Digitalization of Clothing Template Design System Based on Digital Media. Jinghong Cai
CMOS-2423	Application of Internet of Things and U-Net Model in Intelligent Transport: Real-time Monitoring and Updating of Road Conditions. Zhiwei Xia
	Track- 2: Design, Analysis and Applications of Optimization Algorithms
CMOS-2402	Research on the Comfort Optimization Design of EMU Sleeper Carriage Based on TRIZ Theory. Xueliang Li
CMOS-2403	Restoration Algorithm of Parallel-Channel Generation Convolution Network. Wanhua Yang; Qing Zhao; Wanhua Yang
CMOS-2404	Finite Element Model Updating Based on RBF Model and SO Algorithm. Zhao Enkang
CMOS-2413	Optimal Survey Line Design Based on Genetic Algorithm and Spatial Resolution. Bo Liu
OS2406	Optimization of Economic and Trade Data Processing System Taking into Account the Stability Analysis of Computer Information System. Yan Wang; Yang Luo
OS2414	Application Simulation of Data Mining in Quality Evaluation of Electronic Journals. Haiye Liu
OS2416	Scheduling Prediction and Optimization Algorithm in Engineering Management Combined with Deep Learning. Zhihan Guo; Baile Ma
CMOS-2424	Prediction Model for Club Recruitment: Time Series Algorithm in Recruitment Data Meng Chen
CMOS-2425	Cost of Bayesian Networks - Application of Cost-effectiveness Analysis in Construction Strategy of the New Generation Electric Power Communication Network. Fang Fang, Yang Yang, Guodong Zhu, Ying Guo1, Ye Li
CMOS-2426	Application of BIM Technology in Decoration Engineering. Yan Li
CMOS-2427	High Voltage Ride Through Control Strategy Using Convolutional Neural Network and YOLOv5: Real-time Detection of Damages of Wind Turbine Blades. Jianan Zhang, Shirong Wang, Xin Xu1, Guobo Li

11:40 A.M - 01. 40 P.M.

Presentation Guidelines

- The total time allotted to each speaker is 10 minutes. You should plan to speak for 8 minutes and leave 2 minutes for questions.
- There is NO EXCUSE for using more than your allotted time. Rehearse your presentation several times; projecting slides and doing anything else you would otherwise expect to do at the meeting.