



Abstract
Conference Information
Bibliographic Information

Compendex • Conference proceeding (CP)

2025 5th International Conference on Neural Networks, Information and Communication Engineering, NNICE 2025

2025 5th International Conference on Neural Networks, Information and Communication Engineering, NNICE 2025, 2025

Accession number

20253118911818

Publisher

Institute of Electrical and Electronics Engineers Inc.

ISBN-13

9798331507961

Abstract

The proceedings contain 398 papers. The topics discussed include: application of multi-scale convolutional time frequency attention mechanism in complex acoustic echo cancellation; research on road obstacle detection methods based on improving YOLOv8; face recognition defense based on local disturbance removal; face recognition defense based on local disturbance removal; millimeter-wave frequency reconfigurable antenna based on micro electromechanical system; joint routing and scheduling in time-sensitive networks based on dueling DQN; propagation delay optimization of intelligent driving vehicle group communication based on GNDO algorithm; and research and application of an Improved YOLOv7 based personnel intrusion detection method for dangerous areas in underground mines.

Conference Information

Conference name: 5th International Conference on Neural Networks, Information and Communication Engineering, NNICE 2025

Conference date: January 10, 2025 - January 12, 2025

Conference location: Guangzhou, China

Sponsor: et al.; Guangdong Key Laboratory of IoT Information Technology (GDUT); Guangdong University of Technology; IEEE; Journal of Guangdong University of Technology; Key Laboratory of IoT Intelligent Information Processing and System Integration of IoT

Conference code: 210437

Bibliographic Information

Issue date: 2025

Publication year: 2025

Language: English

Part number: 1 of 1

Abbreviated source title: Int. Conf. Neural Networks, Inf. Commun. Eng., NNICE

Issue title: 2025 5th International Conference on Neural Networks, Information and Communication Engineering, NNICE 2025

Page count: 2040

Abstract type: (Edited Abstract)

Related documents

Journals

Augmenting TCP Communication Efficiency in Cognitive Radio Networks Using Iterative Dimensional Neural Optimization

Chaudhary, Manoj Kumar; Bhatt, Ashutosh Kumar

(2025) International Journal of Communication Systems

Database: Compendex

Hybrid Feed Forward Neural Networks and Particle Swarm Optimization for Intelligent Self-Organization in the Industrial Communication Networks

Maragatharajan, M.; Sureshkumar, Aanjankumar;

Kumar Dhanaraj, Rajesh; Nirmala, E.; Shohel Sayeed, Md;

Tabrez Quasim, Mohammad; Basheer, Shakila

(2025) IEEE Open Journal of the Communications Society

Database: Compendex

Welcome to the 2025 15 th International Conference on Electrical Engineering (ICEENG 2025)

Abdalla, Mahmoud A.

(2025) 2025 15th International Conference on Electrical Engineering, ICEENG 2025

Database: Compendex

[View all journals](#)

Conferences

Articles in Press

Book Chapters

Standards

Preprints

[View all related documents](#)

