

CALL FOR PAPERS

**Workshop on Application of Deep Learning and Soft Computing in
The 2024 International Joint Conference on Rough Sets
May 17-20, 2024, Halifax, Canada**

INTRODUCTION

Deep learning and soft computing play crucial roles in various fields. Deep learning, utilizing neural networks, has been successfully applied to image and speech recognition, as well as natural language processing. In the realm of medical image analysis, deep learning has made significant strides in X-ray, MRI, and CT scans. Simultaneously, soft computing is pivotal in industrial control, financial forecasting, and other areas, enhancing system robustness. Overall, these technologies provide effective tools for solving complex problems and handling large-scale data in diverse fields.

TOPICS

We would like to stimulate an intensive discussion on the state-of-the-art trends and developments of applications of deep learning and soft computing. We warmly invite you to submit and present original and unpublished research work, to evaluate future directions of the applications of deep learning and soft computing. Topics of interest include, but are not limited to:

- Deep learning and soft computing in medical imaging
- Deep learning and soft computing in environmental data analysis
- Deep learning and soft computing for speech recognition
- Deep learning and soft computing for traffic analysis
- Deep learning and soft computing in finance
- Deep learning and soft computing for image recognition
- Deep learning and soft computing in classification
- Deep learning for patient data analysis
- Deep learning in identification for disease subtypes
- Soft computing for robust industrial control systems
- Soft computing in monitoring
- Soft computing for stock market trends

PAPER SUBMISSION

Proceeding approval is pending. Manuscripts are to be submitted in similar formats to previous proceedings at the following link <https://link.springer.com/conference/ijcrs>

IMPORTANT DATES

Deadline for paper submission: February 25, 2024

Notification of acceptance for paper: April 10, 2024

Deadline for camera-ready version of accepted paper: May 3, 2024

Conference: May 17-20, 2024

WORKSHOP CHAIRS

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