



CALL FOR PAPERS

Special Session on “Deep Learning for Intelligent Systems”

Session Chair:

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Theme of Session:

The advances in machine learning and pattern recognition has made the field of designing intelligent systems more interesting and challenging to give more insight into providing the ability of vision, understanding and analyzing different data, specially big data in the real time. In this direction several tools and techniques have been modeled and designed by various researchers. However, still there exists some gap between human and machine learning.

Efforts are made in bringing out new models in machine learning and pattern recognition to bridge the gap between humans and machines or to overcome limitations of conventional methods. Most of the conventional methods require basically data understanding, feature extraction followed by selections and learning or performance issues while handling large data. Feature extraction and learning is domain specific and hence it requires good experience on techniques of feature extraction and learning. Designing models to handle large data in real time is another challenging issue. However, current trend, deep learning makes learning simple with the combinations of unsupervised feature learning and deep networks to tackle the problems of bridging the gap and handling the big data.

This special session on “Deep Learning for Intelligent System” mainly focuses on deep learning for designing intelligent systems, which address the wide range of theoretical and applicative original research articles using deep learning for design of intelligent systems. Also, survey articles on current developments of intelligent systems using deep learning are also invited.



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Organized by
Departments of

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School of Engineering, Dayananda Sagar University Hosur Main Road, Kudlu Gate, Bengaluru - 560 068. Karnataka, India.



Topics of Interest:

We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

- Design of new deep learning models
- Unsupervised feature learning
- Deep learning for Object recognition or classification
- Deep learning for Document analysis and recognition
- Deep learning for biometrics
- Deep learning for medical data analysis
- Deep learning for speech analysis
- Deep learning for precision agriculture
- Mining intermediate data of deep learning
- Deep Learning for time series data
- Performance measure for deep learning
- Tool design for deep learning

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: aradhya@jssstuniv.in
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee: Name(s), Affiliation(s)

For any further queries related to this special session, please contact the session chair at:
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