

Title of the Special Session:

Future Trends - Machine Learning, Deep Learning, on Satellite Data

Session Chair:

Dr. Shikha Gupta, Professor, Chandigarh University, Gharuan(Punjab) INDIA

Dr. Ashish Sharma, Associate Professor, GLA University, Mathura (UP) INDIA,

Dr. Amit Garg, Assistant Professor, Manipal University, Jaipur (Raj) INDIA

Dr Deepak Kumar, Associate Professor, Chandigarh University, Gharuan(Punjab) INDIA,

Details of Proposed Session

A Special session on satellite data, based on the concept of Machine/ Deep Learning, there is a demand to design solutions for the betterment of the environment. Like with the help of satellite data, various locations can be identified where the resources availability and their geographical impact can be used in various applications.

This session aims to provide a platform for the researchers who are working in this area to share their ideas and solution for the betterment the society.

A research area for this special session includes but is not limited to:

- Hierarchical approaches for visual data processing
- Structured object/action/scene processing
- Probabilistic graphical models for relation understanding
- Supervised and – Unsupervised learning
- Graph-based image processing techniques
- Spatiotemporal prediction and time–series analysis
- Cloud-based solutions