

ICMLDE2022 SPECIAL SESSION

Title: Special Session on Deep Learning in Medical Applications

Topics of Interest:

- Deep learning for medical image classification
- Deep learning for medical image segmentation
- Deep learning for medical image analysis
- Deep learning for cell tracking
- Deep learning for medical signal processing
- Deep learning for the medical image or signal pre-processing
- Deep learning for medical data retrieval•
- Deep Learning-based representation models
- Optimization of representation learning
- Metric learning-based image representation
- Deep Learning-based discrete hash code generation
- Multi-model learning approaches
- Novel methods for learning embeddings
- Content- and context-based indexing
- High-performance indexing algorithms
- Applications of image retrieval in medical imaging

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