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Title of Special Session	**Transformative Machine Learning: From Data Engineering to Generative Knowledge Systems**
Topics of Interest: Topic 1 Topic 2 Topic 3 Topic 4	• Generative AI and Foundation Models • Multimodal and Cross-Modal Deep Learning • Self-Supervised and Transfer Learning Techniques • Scalable and Distributed Machine Learning Architectures • Explainable and Responsible AI • Data-Centric AI and Automated Data Pipelines • Hybrid Deep Learning Architectures • Contrastive Learning and Representation Learning • Edge-AI and Resource-Efficient Model Deployment
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