IEEE MCSoC 2019

Special Session on

Intelligent Systems and Learning Technologies: Models, Methods, and Applications

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Call for papers

Recent developments in achieving intelligent systems that can help users to carry out their activities are drawing the attention of researchers in industry and academia to apply sophisticated machine learning algorithms in developing such systems. Deep Learning is a hot area of Machine Learning research, which has been introduced with the objective of moving Machine Learning closer to one of its original goals. The developed intelligent systems cover almost all areas of human activities, especially the area of learning technologies, where intelligent systems are used to assist learners to achieve their learning objectives more efficiently. This session aimed to cover topics related to the application of machine learning methods to intelligent systems and learning technologies. The topics related to the special session are all aspects of modeling and development of applications related to intelligent systems and learning technologies.

The topics include but not limited to:

- Development and applications of intelligent systems
- Applications of intelligent systems in information theory and coding techniques
- Intelligent tutoring systems
- Text mining and recommender systems
- Mobile learning
- Cloud-based learning
- Smart-based educational software and hardware systems
- Recommender systems for learning