<u>**Special Session**</u>

Conference: 5th International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2020

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Topic: <u>Recent Trends in Artificial Intelligence, Machine Learning and Deep Learning</u>

The application of Artificial Intelligence (AI) that helps systems improving ability to learn and improve automatically without being explicitly programmed is called Machine Learning. It focuses on the development of computer programs which can access data and used to learn themselves. Machine learning is a subset of Artificial Intelligence and Deep Learning is Machine learning but applied to large data sets. Machine Learning (ML) is involved in most of the AI works because intelligent behavior needs considerable knowledge and ultimately learning is the easiest way to get the knowledge. The topics covered in this session are as follows but are not limited to:

Artificial Intelligence Issues, Challenges & Solutions

Machine Learning
Deep Learning
Natural Language Processing
Speech Recognition
Data Visualization
Statistical Modeling & Learning
Time Series analysis
Sentiment Analysis & Emotion Detection
Big Data Analysis
Behavioral Analysis
Deep Neural Networks
Biological models and applications