SPECIAL ISSUE ON
Cognitive Computing for Internet of Multimedia Things

Overview:

In recent years, the widespread deployment of wireless sensor networks, cloud computing, 5G, robotics, embedded computing and inexpensive sensors has facilitated multimedia technologies and fostered some emerging applications. Future multimedia is the direct motivation and drive for the industrial upgrading. Supported by cognitive computing, which is one of the most important fundamental researches and key techniques for implementing intelligent manufacturing, Internet of Multimedia Things (IoMT) is significantly becoming smarter that more intelligent services and applications are emerging. Therefore, the services of an intelligent IoMT integration with cognitive computing could be suggestive, prescriptive, or instructive in nature, and it could be more affective and influential by design choices to make a new class of problems computable.

Although IoMT has emerged with a great potential to change our life especially with ubiquitous sensing and sensory data, cognitive IoMT technologies will make it possible to understand what's happening in the world more deeply. Therefore, it is necessary to address the technical challenges and problems related to IoMT on designing, building, and deploying novel cognitive computing, services and technologies, to enable intelligent Industrial IoMT services and applications.

Topics

Topics of interest include, but are not limited to, the following scope:

– Human Brain Mapping Approaches	– Cognitive Mixed Reality
– Computational Modelling (CNN, RNN, ANN etc)	– Human-Inspired Robotics
– Sensory Perception Methods	– Brain-Computer/Robot Interface
– Soft Computing Models	– Neuroscience and Behavior Analysis
– Cognitive-level Algorithms	– Electro-Encephalography (EEG) Analysis
– Brain-inspired Systems	– Transcranial Magnetic Stimulation
– Swarm-based Algorithms	– Bayesian Program Learning

Important Dates

- **Manuscript submission deadline: August 30, 2020.**
- Notification of acceptance: September 30, 2020.
- Submission of final revised paper: October 30, 2020.
- Publication of special issue (tentative): December 2020.

Submission Procedure

Authors submit to MONET will have the opportunity to submit a shorter version of the paper to the conference ROSENET2018 and will get published and indexed. While authors that submit their paper directly to the conference ROSENET2018 will be candidates for inclusion in the MONET issue. Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through http://www.editorialmanager.com/mone/.

A copy of the manuscript should also be emailed to the Guest Editors at the following email address(yzyjli@gmail.com)

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