Special Session on
"Efficient Multimedia Sensing and Computing for Smart City"
organized by

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Call for Papers

Theme:

   A smart city is a framework, predominantly composed of information and communication technologies, to develop, deploy and promote sustainable development practices to address growing urbanization challenges. A smart city uses digital technologies to enhance performance and wellbeing in real-world applications, such as traffic surveillance, automatic driving systems, and energy-saving systems. The information in these applications usually comes through multimedia data. For example, the videos in traffic surveillance contain both acoustic and visual signals; and sensory perceptions typically used in automatic driving system may need extensive multi-media data from multi-channel inputs in visual, auditory and motor pathways. Thereby, how to characterize the property of multimedia data so that it can be managed to enable different learning tasks of various applications in smart city, is essential. This requires researchers to develop robust and sophisticated models to classify, retrieve and understand multi-media information. In this special section, we look for cutting-edge techniques to efficiently handle multimedia data/information for sensing and computing for smart city.

Topics of interest include, but are not limited to:
* Multi-media information retrieval
* Multi-label and multi-model classification
* Deep learning-based image classification, semantic segmentation and object detection
* Video surveillance and event detection for safety management
* Image processing for unmanned drones
* Remote sensing data processing
* Modeling and optimization for smart grid
* Vision-based recognition for new retail
* Multi-sensor data fusion

Submissions Procedure: All the instructions for paper submission are included in the conference website https://indin2020.medmeeting.org/en

Fast track to transactions: INDIN 2020 presents a unique chance of fast-tracking best papers to IEEE Transactions on Industrial Informatics (TII). Authors intended to use the fast track shall submit papers in the form following the transactions requirements: length up to 8 pages, double-column IEEE format, without authors' names and affiliations. If the paper is accepted and recommended for the transactions' submission, the authors will be asked to:

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1 **A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics (I.F.=7.377) subjects to further rounds of review**

1) Revise the paper according to the reviewers' comments and submit it to the TII with attached point by point summary of revisions. The paper will be then subject to double blind review process of TII.

2) Prepare a shortened, 4 page long version for the INDIN proceedings and submit it by the 'final manuscripts due' deadline of INDIN 2020. This version shall include authors names and affiliations as per the usual INDIN template.

Deadlines:

Deadline for submission of papers: March 07, 2020
Notification of acceptance of papers: April 18, 2020
Final manuscripts due: May 09, 2020

A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics (I.F.=7.377) subjects to further rounds of review