

Special Session
On
"Soft Computing for Social Media Sensing: Techniques and Trends"
At 11th International Conference on Soft Computing and Pattern Recognition
(SocPAR 2019) Hyderabad, India
December 13-19, 2019
<http://www.mirlabs.net/socpar18/>

Aim and Scope

Social media has enabled mobilization of information eliminating communication and demographical barriers. Information and communication technologies (ICT) play a crucial role in collecting and analysing data from smart devices and move it into business applications to automate processes, support real-time monitoring and apply analytics for insights. Though, organizations and businesses are eager to develop applications that support these devices but deriving meaningful information from this high-diversity multi-modal data is a crucial aspect. Collaborative sensing or crowdsensing augments as a non-trivial element within the organizations' value chain with the intent of making it more efficient.

The conventional methods used to analyse data are inadequate as unlike the traditional data, multimedia data is mainly unstructured and comprises of multilingual text and in varied modalities such as audio, video, images, GIFs, Emojis' etc. Moreover, the incompleteness, fuzziness and uncertainty in user-generated social data makes it even more intricate to tap and analyse information using contemporary tools. Novel approaches to information discovery and decision making which use multiple intelligent technologies such as deep learning, machine learning, natural language processing, artificial intelligence and image recognition among others are required to understand data & then generate insights. This special session aims to unlock big data in the social setting for real-time insights, which need to be actioned upon quickly to support decision, gain better value and mitigate risk. The primary scope of this session is to deliberate the progress and challenges of using innovative, novel, secure and smart soft computing solutions. Also, as the opportunities to analyse, model and discover knowledge from the social web applications/services are not restricted to the linguistic text-based analytics, we encourage innovative solutions and frameworks with real-time applications using multimedia text (image, audio and videos).

Topic of Interest include, but not limited to:

- Social media analytics
- Social network modelling and analysis
- Decision making and real-time monitoring using social media
- Sentiment Analysis
- User profiling and personalization
- Detection of Opinion Leaders
- Social Network/Graph Mining techniques.
- Summarization of multimedia big data
- Learning in social media analytics
- Mining of crowd-generated data
- Behaviour analytics using social media: emotion, anxiety, depression.
- Cyber-abuse detection in social multimedia data.

- Mash-up, translation, transliteration for social data analytics
- Recommender systems, question answering systems
- Applications of social multimedia data analytics: market, business, government, smart city
- Crowdsourcing for social and open innovation
- Crowdfunding and crowdsensing in real-time
- Web-of-Things
- IoT solutions for customer-oriented digital experience

Important Dates

- *Paper submission due:* September 01, 2019
- *Notification of paper acceptance:* October 15, 2019
- *Registration and Final manuscript due:* October 30, 2019
- *Conference Dates:* December 13-15, 2019

Paper Publications

All accepted and registered papers will be published in AISC Series of Springer, indexed in ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.

Special Session Chair

Dr. Akshi Kumar
Delhi Technological University
New Delhi, India

Contact Information:

Dr. Akshi Kumar
Mobile: 09899790369
Email id: drkumarakshi@gmail.com