Call For Paper

IEEE International Conference on Awareness Science and Technology (iCAST2013)
November 2-4, 2013, Aizu-Wakamatsu, Japan
Special Session on
Computing Social Awareness: Trends and Applications

http://web-ext.u-aizu.ac.jp/conference/conf2013/icast13/

Overview:

The goal of awareness computing is to realize awareness in computing machines. Awareness is the ability to perceive, to feel, or to be conscious of events, objects, or sensory patterns. It may not lead directly to full comprehension. Awareness often implies vigilance in observing and alertness in drawing inferences from what one experiences. Without being aware and well informed, a system may never become intelligent. The implication and perception of awareness is very much understood in contemporary digital social media Therefore, understanding human behavior from online footprints, on-line social presence, utilizing/developing computational methods and leveraging big data has become an effective analytical and computational tool. The widespread proliferation of different social websites, including Facebook and Twitter has opened up a new area of opportunities to researchers to study social processes in micro and macro scale, an important aspect of it being deciphering individual and collective behavior.   Study of these social phenomena, almost inconceivable scarcely a decade ago, carries the potential to impact our lives in a significant way. Important domains that bear the likelihood to benefit from the study of social processes include: healthcare, economics and economic decision-making, urban planning, distributed social search of information as well as promoting effective collaboration in organizations. Egypt, Haiti, Japan quake and Mumbai blast demonstrated how technologies like twitter can bring individuals together, empowering them in times of crisis.   Immediate reflections of social awareness computing envisage mental and public health, behavioral disorder, environment, education, disaster & urban informatics. The proposed special session will emphasize several practical aspects of computational methods developed for social awareness mining.

Topics of interest include (but are not limited to) the following:

- Evolutionary Dynamics and   Social Awareness Computing
- Complexity in social system
- Coordination Computing on social enterprise

- Recommender System in detecting social   awareness   under crisis
- Chance Discovery in social media
- Intelligent Trend analysis on social networks
- Bio-inspired intelligence in social propagation   under   digital social colony
- Intelligent Viral Marketing   and social blog analysis
- Social Impact of web collaboration
- Collective decision and consensus on Social media

Organizers:

1) **Basabi   Chakraborty**

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2) **Soumya Banerjee**

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Important Dates:

Paper Submission:	15 June 2013
Authors' Notification:	25 July 2013
Final Paper Submission:	5 September, 2013

Paper Submission:

Please contact either of the special session organizers Basabi Chakraborty (cbasabi@gmail.com) or Soumya Banerjee (dr.soumya@ieee.org) for submission of paper (six pages maximum limit). For format of the paper, please consult the homepage of the main conference.   All submissions may well need to be uploaded to iCAST 2013 main conference online submission system (http://web-ext.u-aizu.ac.jp/conference/conf2013/) .All submitted papers have to undergo the review process.