International Conference on Computational Aspects of Social Networks

September 26 – 28, 2010, Taiyuan, China

The International Conference on Computational Aspects of Social Networks (CASoN-2010) will be held in Taiyuan on 26-28 September, 2010.The conference is hosted by Taiyuan University of Science and Technology, the Proceeding will be published by IEEE CS Press.

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Scope
Topics of interest include, but are not limited to:
- Neural Networks and Connectionist Models
- Evolutionary Algorithms
- Fuzzy Logic
- Knowledge Management
- Multi-valued Logic
- Semantic Networks
- Rough Sets
- Intelligent Agents
- Ontologies
- Reinforcement Learning

Applications on Social Networks:

- Network evolution
  o Network evolution and growth mechanisms.
  o Online communities and computer networks.
  o Information diffusion in social networks.
  o Detection of communities by document analysis.
  o Topology of real networks.
- Recommendation
  o Information diffusion in social networks.
  o Recommendations for product purchase, information acquisition and establishment of social relations.
  o Impact of recommendation models on the evolution of the social network.
  o Classification models and their application in social recommender systems.
- Advertisement models
  o Economical impact of social network discovery.
  o Social advertising.
  o Use of social networks for marketing.
- Search in network
  o Web page ranking informed by social media.
  o Search algorithms on social networks.
  o Collaborative Filtering.

- Security
  o Anomaly detection in social network evolution.
  o Data protection inside communities.
  o Crime data mining and network analysis.
  o Modeling trust and reputation in social networks.
  o Misbehavior detection in communities.
- Network geography
  o Geographical clusters, networks, and innovation.
  o Social geography.
  o International Collaborations in e-Social network.
- Web
  o Automatic discovery and analysis of Web based social networks.
  o Link Topology and Site Hierarchy.
  o Web mining algorithms.
  o Web communities.
  o Web-Based Cooperative Work.
- Evaluation
  o Test collection.
  o Benchmark creation.
  o Measures and methodologies.

Paper Submission
Papers are invited from prospective authors with interest on the related areas. Each paper should consist of a title, authors' names, postal and email addresses, an up to 150-words abstract, a two-column body with 4 to 6 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only. Detail instructions will be available in the conference Websites: http://bit.kuas.edu.tw/~cason10/ .

Important Dates
Deadline for paper submission	**May 10, 2010**
Notification of acceptance	**June 1, 2010**
Camera-ready manuscript submission	**July 2, 2010**

The Conference Proceedings will be published by IEEE Press