

The 1st International Workshop on Social Data Mining for Human Behaviour Analysis(SoDaMin)

May 27th, 2011, Sogndal, Norway

<http://aida.ii.uam.es/SoDaMin/>

Workshop Description

Social networks have becoming a very popular research area not only for data mining and web mining but also for social computing and social network analysis. The important grow up of social networking websites such as Facebook, Twitter, LinkedIn, Orkut, Tuenti, Flickr, etc... provides new opportunities to study the real behaviour of web users, these information could be used in different and new applications related to economy, marketing, education, business, medical... Data Mining comprises a large set of techniques that has the ability to process and analyze large amount of data and by this to discover valuable information from the data. In recent years, due to the growth of social networking applications and websites were people interact with others or provide useful information about a particular topic (i.e. opinions, classifications, ratings, etc...), data mining becomes a very important and powerful technique to process and analyze such large amount of data.

Recently, many researchers are focusing on developing new data mining techniques and algorithms, or trying to improve traditional mining techniques for social network analysis. In most of real application areas, the behaviour of users that are interacting with the data can be used to define pattern behaviours of large cluster of users. This information can be later used to analyse global behaviours in populations, etc. Therefore, this workshop on Social and Data Mining techniques proposes a first approach to study and analyze different methods, algorithms, models or real applications that could extract general (and even specific) behavioural patterns from users interactions.

The workshop will be held in conjunction with the International Conference on Web Intelligence, Mining and Semantics (WIMS'11) in Sogndal, Norway.

Workshop Topics

- Social networks mining and analysis
- Mining and analysis of Social Data
- Automated Reasoning for Social Web applications
- Semantic Web technologies for Social Data integration and fusion
- Applications and tools using Social Semantic Web technologies
- Techniques, methods and new algorithms related to human behaviour modelling and classification in:
 - Machine Learning
 - Multi-agent Systems
 - Complex Simulation
 - Information Fusion
 - Data mining (Clustering, Classifiers,...)
 - Evolutionary Computation
 - Visualization Techniques
 - Case and Practical Studies
- Human-based behaviour patterns and modelling
- Pattern analysis and extraction

Important dates call for papers

- Submission of abstracts: February 7, 2011
- Submission of full papers: February 15, 2011
- Notification of acceptance: March 15, 2011
- Submission of camera-ready papers: March 30, 2011
- Workshop: May 27th, 2011

Publication (<http://aida.ii.uam.es/SoDaMin/ifa.html#menu>)

All accepted workshop papers will be included in the conference proceedings and will be disseminated through the ACM Digital Library. Selected extended papers will be invited to appear in a special issue of an international journal. Since the workshop will be part of the main WIMS'11 program, workshop speakers must pay the WIMS'11 conference fee at the time of submitting their camera ready paper.