

## **Special Issue on Web Intelligence and Personalization on Social Media**

### **Call for Papers**

With the explosive growth of resources available through the Internet, information overload has become a serious issue. In particular, the emergence of social media has created highly interactive platforms for users to create, share, exchange information and build social networks, which has substantially transformed the way organizations, communities, and individuals interact with information. Social media facilitates new ways of information exchanging and sharing such as blogging, following, tagging, recommending, forwarding, commenting, etc. An enormous amount of information was generated on social media by all kinds of users all around the world. Social information sharing allows users collaborate implicitly and discover new types of knowledge by leveraging and exploiting the ‘wisdom of crowds’. However, with this very large users’ base, the massive amount of information, and the wide range of services provided by social media sites, many issues arise associated with the change of users’ lifestyle and related to the communication among users and also between business and customers. On the other hand, users are concerned with issues such as privacy, identity theft, addiction, and social engineering attacks. Especially, with the extremely large amount of information on social media, users’ problems with information overload become more serious. Helping users to fruitfully exploit this huge amount of data to leverage their information needs has become a very important problem. Personalization represents one of the key technologies that have been developed to overcome the problem. There exists a rich and diverse ecology of social media sites which vary in terms of scope and functionality. Social media data is heterogeneous, multi-dimensional, and noisy. These distinctive features make personalization on social media a very challenging task.

The WIAS journal solicits papers reporting on original research for a special issue titled Web Intelligence and Personalization on Social Media. The special issue aims to bundle a collection of recent research outcomes, ideas, and applications related to Web intelligence, Web personalization and Web information process and management on social media in order to promote high quality research in technical and human aspects in related research areas.

Manuscripts are solicited to address but not limit to the following topics:

- Content creation, annotation and modelling for semantic and social web
- Computational intelligence for media adaptation
- Semantics-driven indexing and retrieval of multimedia contents.
- User modelling and personalization techniques
- Recommender systems: theory and applications.
- Web adaptation methods and techniques..
- Adaptive and personalized information summarization
- Multilingual content navigation.
- Social multimedia tagging and multimedia content communities

- Intelligent personalized interfaces.
- Hybrid social and semantic approaches to profiling, recommendation or adaptation systems.
- User-generated content mechanisms.
- Social and semantic media collaboration platforms
- Social web economics and business
- Privacy/Security issues in Social and Personalized Media Applications
- Product modelling, user opinion mining and data extraction
- Adaptive user interfaces
- Ownership of social media content
- Trustworthiness and reliability on social media
- Trust and reputation management

### **Important Dates**

Paper submission deadline: 28 Feb. 2014  
Preliminary review results: 30 April 2014  
Revised version submission: 31 May 2014  
Notification of acceptance: 30 June 2014  
Anticipated publication: late 2014

### **Guest Editors**

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