

Special Issue Call for Papers:

Faceted Search, Interactive Semantics and Social Networking

Paper Submission

Authors are encouraged to submit high-quality, original work that has neither appeared in, nor is under consideration by, other journals.

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Manuscripts should be submitted to: <http://WWWJ.edmgr.com> under the article type "Faceted Search, Int. Semantics and Soc. Net." This online system offers easy and straightforward log-in and submission procedures, and supports a wide range of submission file formats.

Important Dates

- Submission due: June 15, 2012
- Notification of review result: July 15, 2012
- Submission of revised version: August 15, 2012
- Notification of acceptance: August 30, 2012

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The most popular and basic techniques for accessing the Web are browse and search. Faceted search, also called faceted navigation or faceted browse, is the third technique that enables users to access Web pages from different facets. A faceted search system can display different facets of the same set of Web pages at different steps of search. Faceted search is also a way to deal with the ocean Web contents since it can accurately locate the required contents through multi-step refining classifications from multiple facets. Faceted search has been adopted in many applications such as e-learning, e-business, online library, and general search engines. However, research on its fundamental theory is neglected. Many important problems still open, such as the underlying model and theory for organizing information from multiple facets, generation of appropriate interactive query process, and adaptive interfaces. Research on fundamental model and theory is critical for the development of faceted search.

Using simple queries to obtain the required contents through appropriate interaction process is important in faceted search. Putting the faceted search into society, users may interact with each other during search. Interaction is the basis for generating and evolving semantics. With the development of mobile devices, interaction through devices becomes an important way of social interaction. Mobile devices will be able to sense the context of interaction. To explore the interactive semantics can help understand the intrinsic principles of effective interaction.

Interactions in society wave and evolve various social networks. Social networking is basic intelligent behaviors and force to evolve society. To know the effect of social networking helps information systems to provide intelligent services for people.

Faceted search, interactive semantics and social networking are closely related research topics. To accelerate the development of relevant research, this special issue focuses on the following topics:

- (1) The resource organization model based on multi-dimensional classifications, including the ability of carrying out uncertain classifications and the ability of adapting structures.
- (2) Automation of the classification-based resource space, including generating structure and capturing resources and users' interests.
- (3) Efficient indexing mechanisms for multi-dimensional classifications.
- (4) Interactive and adaptive interface for faceted search/navigation/browsing.
- (5) Faceted search/navigation/browsing systems that are based on fundamental models and theories.
- (6) Faceted search and navigation on social networks.
- (7) New applications that are based on multi-dimensional classifications, e.g., in knowledge services, information extraction, and natural language processing.
- (8) Cross-area research on multi-dimensional classifications.
- (9) Interactive semantics: computing model, method and systems.
- (10) Linguistic aspects of interactive semantics.
- (11) Real-world social networking methods, including semantic community discovery and evolution.
- (12) Knowledge sharing and services through social networks.
- (13) Effect of social network evolution.
- (14) Assessment methods for effective faceted search, interaction, and social networking.

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