

=====Chinese Journal of Electronics Special issue on Visual Analytics=====

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The world is awash with big data now – we are generating ten exabytes of data in a variety of different forms every day. In this wave, there is a trend to integrate interactive visualizations with data mining methods to advance the so-called visual analytics (VA) technology. The VA technique enjoys the joint advantage of the human intelligence and the machine's computational power. Various aspects of the visualization and data mining method need to be inspected, justified, organized and evaluated for a successful VA system. This CJE journal special issue solicits submissions from academy, research lab and practice to share and exchange cutting-edge results, principles, and methodologies on combining visual analytics, visualization and data mining technology. Researchers on the domain of visualization, data mining, machine learning, user interface etc., are welcome to submit to this special issue.

TOPICS OF INTEREST

- * Big data visual analytics and data mining, application, theory and foundations
- * Knowledge discovery with data mining and visual analytics technologies
- * Visual analytics and data mining on scientific and biological data
- * Fusion, mining and visualization of rich and heterogeneous data source
- * Visual representations and interaction techniques of data mining results
- * Mathematical foundations and algorithms for visual analysis and data mining
- * Analytical reasoning with human analytic and collaborative visual analytics
- * Evaluation methods for visual analytics systems and data mining algorithms

TENTATIVE SCHEDULE

- * Submission Deadline: February 28, 2017
- * First-round Notification: May 15, 2017
- * Revision Due: July 15, 2017
- * Final Decision Due: August 15, 2017
- * Final Manuscript Due: September 1, 2017

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SUBMISSION

This special issue adopts an abstract-first paradigm, authors should submit an extended abstract to cje.va17@gmail.com prior to the full paper submission at CJE website. The abstract submission should include the following information:

- * An abstract of 150~300 words
- * A list of authors and affiliations, including the contact author's email and mailing addresses