

## **Information and Management Special Issue on Big Data Commerce**

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### **Suggested Topics**

This special issue seeks contributions reporting novel solutions, models, theories, or systems regarding big data analytics in electronic commerce. Topics of interest include but are not limited

to:

- Big data in e-commerce
- Big data applications in e-finance
- Big data management for e-business
- Big data driven business processes
- Big data strategies and cases for e-business
- Business redesign through big data initiatives
- Cloud services and architectures for e-business applications
- Customer value management via big data analytics
- Data science and applications in e-business
- Data mining theories, methods, and applications in e-commerce
- Data monetization strategies and operations
- E-commerce ecological issues in the big data era
- Innovative business models in e-commerce involving big data
- Integration of mental models and big data analytics in e-commerce
- Security and privacy issues concerning big data business
- Social network analytics for e-business

#### References on big data applications and strategies:

- Ee-Peng Lim, Hsinchun Chen, Guoqing Chen, Business Intelligence and Analytics: Research Directions, *ACM Transactions on Management Information Systems*, Volume 3 Issue 4, January 2013 ([http://ink.library.smu.edu.sg/cgi/viewcontent.cgi?article=2965&context=sis\\_research](http://ink.library.smu.edu.sg/cgi/viewcontent.cgi?article=2965&context=sis_research)).
- Stefan Biesdorf, David Court, and Paul Willmott, Big data: What's your plan? *McKinsey Quarterly*, March 2013, ([http://www.mckinsey.com/insights/business\\_technology/big\\_data\\_whats\\_your\\_plan](http://www.mckinsey.com/insights/business_technology/big_data_whats_your_plan)).
- Andrew McAfee and Erik Brynjolfsson, Big Data: The Management Revolution, *Harvard Business Review*, October 2012 (<https://hbr.org/2012/10/big-data-the-management-revolution/ar>).
- J. Leon Zhao, Shaokun Fan, Daning Hu, Business Challenges and Research Directions of Management Analytics in the Big Data Era, *Journal of Management Analytics*, 2014 (<http://www.tandfonline.com/doi/abs/10.1080/23270012.2014.968643#.VIReotKUd8E>).

All submissions are required to be done via the I&M online submission system. Author guidelines are available from (<http://www.elsevier.com/journals/information-and-management/0378-7206/guide-for-authors>). Please indicate in your cover letter that this is a "Special Issue Submission on Big Data Commerce". All submissions will go through an initial screening by guest editors. Only quality submissions will go through the review process.

#### Key Dates:

Online system open for submission:	April 25 to July 15, 2015
First submission paper due:	July 15, 2015
First round decision made:	October 15, 2015
Revised manuscript due:	January 15, 2016
Final decision made:	April 15, 2016
Final paper due:	June 15, 2016

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- To encourage further progress in information systems methodology and applications;
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