WORKSHOP OBJECTIVE
Big data analytics (BBA) or the “collection of data and technology that accesses, integrates, and reports all available data by filtering, correlating, and reporting insights not attainable with past data technologies” (APICS 2012), is emerging as the “next big thing” in management. Some scholars have gone so far as suggesting that BBA is the “next management revolution” (McAfee and Brynjolfsson 2012), and thus generating huge attention from both practitioners and academics. Some analysts estimate that BBA-enabled process improvement may lead to about 26% average performance improvement over a three years period (Capgemini 2012). However, very few empirical studies have been conducted to assess the real business value of BBA at the firm and supply chain levels. The main objective of this workshop to invite scholars and practitioners to look at the ways and means to identify and capture business value from BDA in terms of innovative business models, improved decisions making, improved intra-and inter-organizational performance, and competitive advantage.

WORKSHOP TOPICS AND AREAS OF INTEREST (not limited to)
• Big data analytics enabled-business process innovation at the firm and supply chain levels
• Assessment of the effect of big data analytics on the decision-making processes in operations
• Assessment of facilitators and inhibitors of big data analytics adoption for supply chain management processes
• In-depth & longitudinal case studies and pilot studies on the implementation of IT infrastructure to support big data initiatives for improved operations management, lean & agile operations, quality management in operations and supply chain management
• Facilitation of innovative electronic business models and operations by using big data analytics in various sectors (e.g., healthcare, retail industry, and manufacturing)
• Enabling smart cities, smart organizations and smart homes using big data analytics
• New theory development to explain the adoption and use of big data in operations at the organizational and inter-organizational levels
• Challenges related to big data analytics-enabled end-to-end supply chain transformation

SUBMISSIONS
We welcome full research papers, short papers, posters and practitioner papers on the workshop theme. Submitted manuscripts must be written in English. Each manuscript should not exceed the maximum number of pages predefined for each submission type, considering the format available for download at the conference webpage.

Manuscript should be submitted electronically at the CENTERIS webpage until April 3, 2015. Submitted papers will be reviewed on a double-blind review basis, and authors will be notified of the review process results by May 17, 2015. Authors of accepted papers can receive recommendations to revise their manuscript according to the reviewers’ comments and should submit the revised version until June 12, 2015. Selected authors will be invited to submit an extended version (with at least 45% improvement) of their workshop paper to a special issue in the Business Process Management Journal on: “Big Data Analytics and Business Process Innovation”. The improved articles will be placed in a fast-track of review. However, the manuscript will need to meet the journal publication standard for publication.

IMPORTANT DATES
Deadline for paper submission: April 3, 2015
Notification of acceptance/rejection: May 17, 2015
Revised version: June 12, 2015
Conference Date: October 7-9, 2015
PUBLICATION
Accepted full and short papers will be published in the conference proceedings (with ISSN).
Poster and practitioner papers will be published in the conference book of abstracts, industry and poster papers (with ISBN).
Authors of a selection of papers will be invited to enhance their manuscripts for inclusion in a book of chapters or in a journal.

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