

Special Session on

Real-World Applications of Computational Intelligence in Big Data and Business Analytics

Scope and Motivation:

As the technology is evolving, the sizes of data sets generated by these technologies are considered big and complex. Since the traditional database management tools and methods which are used to process data are inadequate; novel databases and data processing technologies are emerging. These new technologies enable researchers and professionals to define and solve new problems or improve solutions to existing problems.

Business analytics is iterative study of organizational data by using visualizations, statistical methods, machine learning, and optimization techniques to empower or atomise decision-making process. Business analytics include; descriptive analytics, which focus on understanding the present state of a business by using past data, predictive analytics, which analyses trend data to assess the likelihood of future outcomes; and prescriptive analytics, which suggest optimized solutions to decision problems.

The aim of this special session is to provide an opportunity for researchers and professionals to share and review recent advances and real-world applications of big data and business analytics.

The application areas include but not limited to:	The techniques of interest include, but not limited to:
<ul style="list-style-type: none">• Customer Analytics• Web Analytics• Operation Analytics• Supply Chain Analytics• Social Media Analytics• Risk Analytics• Operations Analytics• Supply Chain Analytics• Marketing Analytics	<ul style="list-style-type: none">• Text Mining• Forecasting• Clustering• Association Rule Mining• Time Series Analysis• Non-Linear Optimization• Graph Mining• Visualization• Recommendation Systems

Important Dates:

- Abstract submission deadline: **December 30, 2018.**
- Full paper submission deadline: **February 21, 2019**
- Notification of acceptance: **March 15, 2019**
- Camera-ready paper submission: **March 25, 2019**
- Conference: **July 23-25, 2019**

Paper Submission:

The papers will be submitted from <https://easychair.org/conferences/?conf=infus2019>. You must select the special session while submitting to the system.



INTERNATIONAL CONFERENCE ON
INTELLIGENT AND FUZZY SYSTEMS
JULY 23-25, 2019, ISTANBUL TURKEY



About the Conference:

INFUS 2019 is a conference on intelligence and fuzzy systems which aims to bridge the gap between fuzzy & intelligence systems and real complex systems via joint research between universities and international research institutions. The conference will be held in Istanbul, Turkey on July 23-25 2019.

INFUS 2019 proceedings will be again published as a book by Springer under “Advances in Intelligent Systems and Computing Series” and will be indexed in Scopus. Moreover, special issues of indexed journals will be devoted to a strictly refereed selection of extended papers presented at INFUS 2019. The journals with publication potential include:

- Journal of Multiple-Valued Logic and Soft Computing (SCI-E),
- Journal of Intelligent and Fuzzy Systems (SCI-E),
- Recent Patents on Engineering (Scopus, EI/Compendex, EBSCO),
- International Journal of Intelligent Computing and Cybernetics (E-SCI),
- International Journal of Risk Analysis and Crisis Response (DOAJ).

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