



Special Issue on

## Computational Intelligence in Consumer and Business Big Data Environment

International Journal of Computational Intelligence Systems (IJCIS) is planning a special issue on “Computational Intelligence in Consumer and Business Big Data Environment”

**Impact Factor (2017) of IJCIS: 2.0**

**Purpose:**

Modern life is based on a technology driven and web and connected mobile-oriented world, in which all business data continuously flow into all areas. In this environment, all enterprises are bound to accumulate a vast load of data about themselves and their processes. This Big Data environment has dramatically changed all industrial sectors, including consumer industries (clothing, footwear, furnishing, etc.). In particular, industrial supply chains can be optimally organized by developing intelligent data-based business services around personalized consumer requirements, such as product recommendations, production tracking, market forecasting and consumer behaviour modelling.

**Scope and topics:**

Submitted contributions (**which should be original and not previously published**) covering unpublished research **that clearly delineates the role of computational intelligence** in the context of consumer and business big data are invited. Such manuscripts should present novel and significant research on this topic.

**The manuscript will be judged solely on the basis of new contributions excluding the contributions made in earlier publications.** Contributions should be described in sufficient detail to be reproducible on the basis of the material presented in the paper and the references cited therein.

Topics appropriate for this special issue include (but are not necessarily limited to):

- Big Data search and mining to support recommendations
- Big Data Mining and social networks

- Big Data and Internet of Things
- Big Data and human behavior modeling
- Big Data and Pattern Recognition
- Big Data and Collaborative Systems
- Data-driven decision-making through machine learning
- Business analytics and intelligence knowledge discovery
- Data-driven business forecasting and monitoring

Manuscripts should be submitted electronically online at <https://www.editorialmanager.com/ijcis/default.aspx>. The corresponding author will have to create a user profile if one has not been established before.

### Guest Editor(s)

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### Important Dates

Submission of papers: 31 March 2019

First round of reviews: 15 May 2019

Revised version submission deadline: 15 June 2019

Second round of reviews: 15 July 2019

Camera-ready copies of accepted papers due: 15 August 2019