



## BSM 2015

### Special Session on Business Semantics Management

at the 7th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI 2015)

Madrid, Spain, September 21-23, 2015

Conference website: <http://antares.sip.ucm.es/iccci2015/>

#### Special Session Organizers

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#### Objectives and topics

Business semantics management (BSM) is the act of bringing a community of stakeholders together to realize the reconciliation of their heterogeneous metadata, and consequently the application of the derived business semantics patterns in partial fulfilment of well-established semantic interoperability requirements.

The **BSM 2015** Special Session at the 7th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI 2015) is devoted to semantics of business intelligence, semantics of B2B, B2C. We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of the **BSM 2015** includes, but is not limited to the following topics:

- Data Mining, Semantics Mining
- Semantics of Business Intelligence
  - (a) Semantics/Triples Extraction, Transformation, Loading
  - (b) Entity Linking/Identification
  - (c) Semantics/Triples Warehousing
  - (d) Semantic Reasoning
  - (e) Semantic-enabled Data Analytics
  - (f) Semantic-enabled Data Integration
  - (g) Semantic Visualization
  - (h) Ad-hoc Smart Query
  - (i) Smart User Interface
  - (j) Semantic Dashboards and Scorecards
  - (k) Semantic-enabled Customer Behaviors Analysis
  - (l) Semantic-enabled Supplier Risk Tracker
  - (m) Semantic-enabled Product Emotions

- (n) Customers' Emotional Responses
- Data Integration
- Enterprise Information Integration
- Semantics of Business Vocabulary and Business Rules
- Intelligent Ecommerce Systems
  - (a) B2B, B2C
  - (b) Recommendation
- Semantic Web, Ontology, Ontology Integration
- Collective Intelligence, Collaborative Intelligence
- Semantic Information Retrieval
  - (a) Semantic Query
  - (b) Disambiguation
  - (c) Ontology Evolution/development
  - (d) Question & Answer Systems
  - (e) Semantic Search Engine
- Use of Semantics in IT
  - (a) Multimedia
  - (b) IoT
  - (c) Big Data
  - (d) Deep Learning
  - (e) Cloud Computing
  - (f) SDN
  - (g) Wearable Computing
  - (h) Mobile Computing
  - (i) Semantic Web Services
  - (j) Security and Privacy
- Use of Semantics in Interdisciplinary Applications
  - (a) Biomedicine
  - (b) Healthcare
  - (c) Manufacturing
  - (d) Engineering
  - (e) Education
  - (f) Finance
  - (g) Entertainment
  - (h) Business
  - (i) Science
  - (j) Humanity

## Important dates

Submission of papers: **20 March 2015**  
Notification of acceptance: **15 May 2015**  
Camera-ready papers: **15 June 2015**  
Conference date: **21-23 September 2015**

## Program Committee (to be invited)

Bernady O. Apduhan, Kyushu Sangyo University, Japan  
Inay Ha, Inha University, Korea  
Thanh Binh Huynh, Hanoi University of Science and Technology, Vietnam  
Trung Hieu Huynh, Industrial University of Ho Chi Minh City, Vietnam  
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Thanh Binh Nguyen, International Institute for Applied Systems Analysis (IIASA), Austria  
Thanh Hien Nguyen, Ton Duc Thang University, Vietnam  
Eric Pardede, La Trobe University, Australia  
Xuan Hau Pham, Quang Binh University, Vietnam  
Wenny J. Rahayu, La Trobe University, Australia  
Ali Selamat, Universiti Teknologi Malaysia, Malaysia

## Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **BSM 2015: Business Semantics Management**.

<https://www.easychair.org/conferences/?conf=iccci2015>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the **BSM 2015** Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).