

**ICICC-2020**  
**International Conference on Innovative Computing and  
Communication**  
Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India  
On 21-23<sup>rd</sup> Feb 2020.

\*\*\*\*\* **CALL FOR PAPERS** \*\*\*\*\*

**SPECIAL SESSION ON**

**Challenges and Research Trends in Semantics, Cognitive Science and Forensics (SCF)**

**SESSION ORGANIZERS:**

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**SESSION DESCRIPTION:**

The scope of the special issue includes research from cognitive science that employs Semantic Web technologies, ontologies, or Linked Data as well as semantic web research that takes inspiration from Cognitive Science findings and methods. We also invite work from domains that would benefit from a closer integration of cognitive science methods into the Semantic Web such as the digital humanities, bioinformatics, and Geoscience, for the Internet of Things / Web of Things. The goal is to demonstrate how this area can benefit from specific research contributions and advances of the Semantic Web. Digital humanities research is typically driven by core questions in each of these disciplines: on the one hand semantic technologies are applied in novel ways in addressing research questions of humanities and social sciences; on the other hand these areas stimulate the development of novel methods in computer and information sciences. We are looking for novel and significant research contributions addressing theoretical, analytical and empirical aspects of the Semantic Web. While we welcome work that relates to the W3C Semantic Web recommendations (e.g., RDF, OWL, SPARQL, etc.), we also encourage contributions to research at the intersection of Semantic Web and other scientific disciplines. Submissions to the research track should describe original, significant research on the Semantic Web, and are expected to provide some principled means of evaluation. Specifically, all papers should include evaluations of the approaches described in the paper.

**RECOMMENDED TOPICS:**

Topics to be discussed in this special session include (but are not limited to) the following:

- Semantic Web
- Semantic Search Engines
- Cognitive Forensics
- Information retrieval and integration
- Personalization, context, patterns, user interfaces
- Spatial cognition, and learning

- Natural Language Processing
- Digital semantic technologies and (big) digital heritage data
- The sciences, technologies, and applications relating to information forensics
- Information security
- Biometrics
- Surveillance and systems applications that incorporate these features

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **Challenges and Research Trends in Semantics, Cognitive Science and Forensics on or before 01<sup>st</sup> December 2019.**

All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icicc-conf.com/paper\\_submission.html](http://icicc-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **Challenges and Research Trends in Semantics, Cognitive Science and Forensics** at the top (above paper title) of the first page of your paper.

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