Amity University Dubai Campus, Dubai International Academic City, Dubai
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Call for Papers for Special Session on Linked Data to Big Data: A Semantic Integration

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Theme of the Special Session: In recent years, research in the area of Linked Data and Big data has grown rapidly, mainly due to growing complexity of digital data and the need to incorporate semantics .Tim Berners lee visualized Semantic web as:
"The Semantic Web will bring structure to the meaningful content of web pages, creating an environment where software agents roaming from page to page can readily carry out sophisticated tasks for users" [Berners-Lee T et al.] However the aspects of Big Data were not integrated to evolve a semantic infrastructure that would cater to Semantic Big Data structuring and analysis.
Linked data is a terminology commonly referred to describing best practices of

- Structuring Documents
- Adding Semantics ,
- Prescribing domain specific relationships
- Publishing Semantic Web documents

Thus using Semantic Web Technologies to generate knowledge through effective definition of URI.
The devices from Mobile phone, Internet of Things to Cyber Physical Systems are all contributing to the volume of data. The challenge is thus to handle Big Data, add Semantics, provenance and also preserve the semantic feature of the web documents. The session shall explore the tools, techniques and technologies that support the huge dataset of the future and render semantic data analytics and intelligence.

Topics of Interest: We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

- Semantic methods for big data management and analysis.
- Semantic Web Searches
- Semantic Web Technology
- Ontology and Ontology languages.
- Mapping structured and unstructured web data
- Information Retrieval
- Semantic Grids and Semantic agents
- Knowledge discovery
- Linked Data
- Big Data
- Distributed File Structures, Data Representation
- Semantic methods for big data management and analysis.
- Description Logic for Semantic structuring.
- Machine learning for semantic agents.

Important Dates

Receiving full paper	August 20, 2017
Email notification of paper acceptance	September 15, 2017
Last date for receiving camera-ready paper	September 25, 2017
Last date of registration (Early Bird)	October 15, 2017
Last date of registration (With Late Fee)	November 10, 2017

Program Committee

- Prof. G S Tomar , DirectorTHDC and MIR Labs
- Prof.Bharat Bhaskar, IIM Lucknow.
- Dr Sayeed Ahmed, Dubai
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- Mr.Pramod Dixit,DY.Director,PNBIIT,Lucknow.
- Dr. MUNESH CHANDRA TRIVEDI, DIT School of Engg, Greater Noida, India
- Session Publication Secretary: Ms Mrinal Pandey, Amity University Lucknow Campus

Paper Submission Process
Please submit your paper (in pdf format) at https://easychair.org/conferences/?conf=ictus2017 with a copy of the paper to rpandey@lko.amity.edu , mpandey@lko.amity.edu with "*Linked data to Big Data: A Semantic Integration" and Easychair Paper Id*" mentioned in the subject line.