

# CALL FOR PAPERS



**INDIA - 2018**  
UNIVERSITE DES MASCAREIGNES  
SAVOIR, C'EST POUVOIR

**5th International Conference on  
Informational System Design and Intelligent Applications**  
July 19 - 21, 2018  
University DES Mascareignes, Mauritius



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## Special Session on "Emerging Trends in Cognitive Computing and Deep Learning (ETCDL)"

### »»» Session Chair(s):

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### »»» Co-Session Chair:

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### »»» Theme of Session

Cognitive computing is a combination of cognitive science and computer science. Cognitive computing models provide a realistic roadmap to achieve artificial intelligence. Cognitive computing represents self-learning systems that utilize machine learning models to mimic the way brain works. Eventually, this technology will facilitate the creation of automated IT models which are capable of solving problems without human assistance. Today, cognitive computing plays a major role in number of applications areas for efficient data analysis and for better level of customer interactions.

The main aim of the special session on "Emerging Trends in Cognitive Computing and Deep Learning (ETCDL)" is to provide a global forum where investigators and practitioners in the fields of Speech Recognition, Sentiment Analysis, Face Detection, Fraud Detection, Recommendation systems, Image Analysis, Bio-Informatics, Customer Relationship Management and Natural Language Processing can present their research outcomes. The intent of this session is to discuss the state-of-the-art research paradigms aligned with the above theme by the researchers exchanging their ideas and disseminate their results and vision.

### »»» Topics of Interest

We invite original (unpublished) research contributions based on the theme mentioned above including following topics but not limited to:

- Cognitive Analytics
- Artificial Intelligence
- Deep Learning
- Image Processing
- Computer Vision
- Machine Learning
- Soft Computing Techniques
- Cloud Computing
- Bio-Informatics
- Sensor Networks
- Natural Language Interaction
- Video Analysis
- Speech Recognition
- Sentiment Analysis

»»» Publication : Advances in Intelligent Systems and Computing (AISC) Series, Springer.



All accepted and registered papers will be published in Advances in Intelligent Systems and Computing (AISC) Series, Springer.

Indexing: The books of this series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.

»»» Important Dates

Submission of full papers: 30th April 2018

Notification of papers: 30th May 2018

»»» Paper Submission Process:

Please submit your paper (in Word (.docx) format) at

Email: [spsessionetcdl@gmail.com](mailto:spsessionetcdl@gmail.com)

With 'Name of Special Session: "Emerging Trends in Cognitive Computing and Deep Learning (ETCDL)" mentioned in the subject line.

»»» For any further queries related to this special session, please contact:

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»»» For more details please visit conference website

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