3rd INNS Conference on Big Data and Deep Learning

Bali-Indonesia, 17–19 April 2018

Call for Papers

Focus and Scope:
Topics include but not limited to the following.

Big Data
- Autonomous, online, incremental learning in big data
- High dimensional data, feature selection, feature transformation for big data
- Scalable algorithms for big data
- Big data analytics
- Data stream analytics
- Parallel & distributed computing for big data analytics (cloud, map-reduce, etc.)
- Online learning
- Online multimedia/stream/text analytics
- Link and graph mining
- Big data and cloud computing, large scale stream processing on the cloud
- Big data and collective intelligence/collaborative learning
- Big data and hybrid systems
- Big data and self-aware systems
- Big data and infrastructure
- Big data visualization

Big Data Algorithms
- Neuromorphic hardware for scalable machine learning
- Evolving systems for big data analytics
- Evolutionary systems and big data
- Fuzzy systems and big data
- Transfer learning for big data
- Cognitive modelling and big data
- Probabilistic approach for big data
- Concept drift detection for big data
- Granular computing for big data
- Deep learning for machine vision
- Evolving deep network
- Transfer learning in deep learning
- Deep learning for natural language processing
- Deep learning for machine vision
- Deep learning for natural language processing
- Deep learning for machine vision

Deep Learning
- Deep belief network
- Convolutional neural network
- Long short term memory
- Deep network architecture
- Deep autoencoder
- Deep stacked network
- Deep learning in big data
- Deep learning for machine vision
- Evolving deep network
- Transfer learning in deep learning
- Online deep learning

Application Areas
- Banking and Securities
- Communications, Media and Entertainment
- Healthcare Providers
- Education
- Manufacturing & Natural Resources
- Government
- Insurances
- Retail & Wholesale Trade
- Transportation
- Energy & Utilities, Etc.

Important Dates

Submission deadline of tutorial and workshop proposals: 15 September 2017
Notification of tutorial and workshop proposals: 30 September 2017
Full paper submission deadline: 2 November 2017
Acceptance notification: 31 December 2017
Camera-ready submission: 31 January 2018
Early registration deadline: 7 January 2018
Registration deadline: 31 January 2018

Paper Submissions
Original works submitted as a regular paper will be published in a conference proceeding indexed by Scopus. Submitted papers will be reviewed by some PC members based on technical quality, relevance, originality, significance and clarity. At least one author of an accepted submission should register with a regular fee to present their work at the conference. Several papers will be selected for possible publication in top journals.

Call for Papers

Organizing Committee:

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Mohammad Nuh, Institut Teknologi Sepuluh Nopember, Indonesia
Joni Hermana, Institut Teknologi Sepuluh Nopember, Indonesia
Heru Setyawan, Institut Teknologi Sepuluh Nopember, Indonesia

Tutorials/Workshop Chairs
Igor Skrjanc, University of Ljubljana, Slovenia
Sundaram Suresh, Nanyang Technological University, Singapore
Dieky Adzkiya, Institut Teknologi Sepuluh Nopember, Indonesia

Poster Sessions Chairs
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Agus Salim, La Trobe University, Australia

Special Sessions Chairs
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Mukesh Prasad, University of Technology, Sydney, Australia
Ahmad Affandi, Institut Teknologi Sepuluh Nopember, Indonesia

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