



International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: Intelligent Big Data Analytics: Models, Techniques, Algorithms

Name of Chair: Prof. Alfredo Cuzzocrea, University of Trieste and ICAR-CNR, Italy

Details of Session:

The invited session “Intelligent Big Data Analytics: Models, Techniques, Algorithms” (IBDA 2017) focuses the attention on models, techniques and algorithms for supporting intelligent analytics over big data in a wide range of critical application contexts, such as: (i) multimedia systems; (ii) social networks; (iii) smart cities; (iv) bio-informatics; (v) e-science, and so forth.

Indeed, classical approaches for supporting knowledge discovery from large-scale, massive amounts of data repositories must be re-adapted and made faster and smarter over novel big data settings.

IBDA 2017’s topics are:

- intelligent big data analytics: foundations;
- intelligent big data analytics: models;
- intelligent big data analytics: techniques;
- intelligent big data analytics: algorithms;
- innovative paradigms for supporting intelligent big data analytics;
- cloud-based intelligent big data analytics;
- query languages for supporting intelligent big data analytics;
- mining algorithms for supporting intelligent big data analytics;
- knowledge discovery methodologies for supporting intelligent big data analytics;
- privacy-preserving intelligent big data analytics;
- security methods for intelligent big data analytics;
- access methods for intelligent big data analytics;
- intelligent big data analytics in multimedia systems;
- intelligent big data analytics in social networks;
- intelligent big data analytics in smart cities;
- intelligent big data analytics in bio-informatics;
- intelligent big data analytics in e-science.

Papers must be formatted and submitted according to the IIMSS 2017 authors’ guidelines available here:

<http://iimss-17.kesinternational.org/submission.php>

Accepted paper will be published in published by Springer as book chapters in a volume of the “Smart Innovation Systems and Technologies” series (<http://www.springer.com/series/8767>).

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