The 3rd edition of the **International Conference on International Conference on Big Data Analytics, Data Mining and Computational Intelligence** (BigDaCI'18) (part of the IADIS Multi Conference on Computer Science and Information Systems 2018) was hosted in Lisbon, Portugal, during **18-20 July, 2018**.

This conference was organized by the International Association for Development of the Information Society (IADIS).

The aim of the Big Data Analytics, Data Mining and Computational Intelligence (BigDaCI) 2018 was to serve as a forum to present current and future work as well as to exchange research ideas in this field. The 2018 edition was jointly published with the 7th edition of the International Conference on Theory and Practice in Modern Computing (TPMC 18) and 4th International Conference on Connected Smart Cities (CSC 2018). These conferences received 132 submissions from more than 24 countries. Each submission had been anonymously reviewed by an average of five independent reviewers, to ensure that accepted submissions were of a high standard. Consequently, only 22 full papers were approved which means an acceptance rate of 17%. A few more papers were accepted as short papers, reflection papers and posters.

Extended versions of the best papers were selected to be published in:

- ❖ IADIS International Journal on Computer Science and Information Systems (ISSN: 1646-3692)

Besides the presentation of full papers, short papers, reflection papers and posters, these events also included one keynote presentation by Professor Pedro Larrañaga, Department of Artificial Intelligence, Technical University of Madrid, Spain.
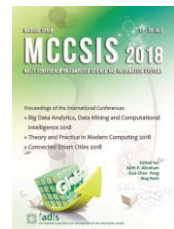
Keynote Presentation:

BAYESIAN NETWORKS BASED MULTI-DIMENSIONAL CLASSIFICATION

by Professor Pedro Larrañaga, Department of Artificial Intelligence, Technical University of Madrid,Spain

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