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• First International Conference on Real Time Intelligent Systems
(RTIS 2016)

• The Seventh International Conference on the Applications of Digital Information and Web
Technologies (ICADIWT 2016)

• Fifth International Conference on the Future Generation Communication Technologies
(FGCT 2016)

• Sixth International Conference on Innovating Computing Technology
(INTECH 2016)

Editorial

We present the first issue of this seventh volume of the Journal of Intelligent Computing with the below described research.

Turbine hub testing during turbine manufacturing is a major task which is currently carried out manually and consumes more time. To automate this process the authors *Emanuele Lindo Secco, Christian Deters, Helge Wurdemann, Hak-Keung Lam* and *Kaspar Althoefer* in their paper on "**An Integrated Method for the Geometric Inspection of Wind Turbine Hubs with Industrial Robot**" proposed a methodology for the self-adaptive inspection of wind turbine hubs via industrial robots. The authors have performed experiments with an Fanuc Industrial M-6iB robot arm and R-30iA controller have been successfully carried out on re-scaled model of the hub. Authors further viewed the flexibility of this methodology which would allow applications on other industrial contexts.

In the continuation of research in the direction the authors *Emanuele Lindo Secco, Christian Deters, Helge Wurdemann* and *Hak-Keung Lam* designed a fuzzy-logic controller supporting the manufacturing of wind turbines and the bolt tightening of their hubs. Authors found room for the low computational cost of the proposed classifiers and suggested directly implementing these algorithms on micro-controller and physical computing, which may be straight integrated within the tightening tool.

In the final paper on "**Collaborative Representation Classifier based on K Nearest Neighbors for Classification**" the authors *Jiangshu Wei, Xiangjun Qi* and *Mantao Wang* have proposed a local collaborative representation classifier (CRC) a classical method for classification. Authors mentioned that the computational complexity of K Nearest Neighbor CRC is much lower than other methods. They found that the proposed KNN-CRC can obtain very competitive classification results compared with other methods.

The three research papers published in this issue mark technical significance.

Editors