EDITORIAL

Special issue on "Brain computing for healthcare and wellness applications"

R. Dhanasekaran[1] · Hariharan Muthusamy[2] · Xiong Li[3]

Studies on brain-computing-based and bio-mechatronics systems have been carried out for more than three decades and cover both theoretical and experimental challenges posed by the application of robotics and mechatronics. The special issue covers a diverse spectrum of fast emerging interdisciplinary areas including brain or biologically inspired robots for clinical, surgery, and rehabilitation applications.

This special issue invite recent and exciting original research which focused on brain-controlling, biomedical robotics and bio-mechatronics systems and application. We also invited some investigators to contribute original research articles as well as review articles and especially multidisciplinary papers that will help in promoting the research on biomedical robotics and bio-mechatronics systems and application, with application to transportation, assistive technology, diagnosis, surgery, prosthetics, rehabilitation, personal assistance, and health care, in laboratory, hospital and real world.

It is our pleasure to release this issue of Journal of Ambient Intelligence and Humanized Computing, which represents a cross-section of research in brain-computing-based and bio-mechatronics systems. This special issue accepts six papers from more than 36 submissions, we thank all the reviewers, who have made excellent work and valuable comments on all these two papers.

This edition is the continuation of our publishing activities. All the included contents were anonymously reviewed by experts to maintain academic excellence and integrity. We wish to thank all, including also authors and others, who directly and indirectly have been contributing to the release of this issue by their engagement.

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✉ R. Dhanasekaran
dhanashekar@syedengg.ac.in

Hariharan Muthusamy
hariharan.m@ktr.srmuniv.ac.in

Xiong Li
lixiong84@gmail.com

[1] Syed Ammal Engineering College, Ramanathapuram, Tamil Nadu, India

[2] Department of Biomedical Engineering, SRM University, Chennai, India

[3] Information Security, Hunan University of Science and Technology, Xiangtan, China