

Guest Editorial Preface

Special Issue of Biomedical Engineering (HSST)

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We are pleased to present this issue of the International Journal of E-Health and Medical Communications (IJEHMC) as a special issue entitled '*Biomedical Engineering*'. This special issue of International Journal of E-Health and Medical Communications includes manuscripts selected from the 5th International Conference on Interdisciplinary Research Theory and Technology (IRTT 2017), which will be hold on December 21-23, 2017 at Daejeon University, Korea. International conferences have become more frequent because of rapid development in this field needing larger interaction among academic and industry professionals. The usual practice in these events is to bring out only abstract / synopsis book at the time of the conference.

The organizers of IRTT 2017 decided to bring out papers presented at the conference, in full, as a special issue of the journal IJEHMC. Publication of full papers based on presentations at conferences/workshops has multiple advantages. For the authors, the quality of work may considerably improve through the seriousness of discussions with peers during the conference. For referees, it becomes easier to review the papers as referees are generally drawn from among the experts attending the conference. To provide equal opportunity to all authors of the invited and proffered papers of IRTT 2017, an announcement on the special issue was included in the conference circulars right from the start. Publishing was optional and the decision was left to the authors.

The topics covered in this special issue includes: Biomedical and biosensors engineering, Body sensor networks, Body area networks, E-Health, U-Healthcare, E-health for aging (to support quality of life for older adults, aging in place, and independence), Emerging e-health applications, Health and healthcare applications, Health grid and health cloud, Health monitoring, traffic characterization, and management, Healthcare Management, Medical communications, Medical signal acquisition, analysis, and processing, Biomechanics, Biomedical acoustics, Biomedical nanotechnology, Biomedical optics, Cell and tissue engineering, Medical imaging, Neuroengineering, Modeling, simulation, and performance evaluation, Multi-agent systems for e-health, Telemedicine and mobile telemedicine, Biomedicine, Cardiophysics, Medical physics, DNA field-effect transistor, Biointerface, Electrochemiluminescence, Electro-switchable biosurfaces, and Small molecule sensors. It is hoped that this IJEHMC issue will make a good reference material and be of great use for Biomedical Engineering researchers and practitioners.

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Guest Editors

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