Call for Papers for May 2019: 2019 ISHICBECHM International Symposium on Health Informatics, Computational Biomedical Engineering, Computational Healthcare and Medicine

2019 ISHICBECHM International Symposium on Health Informatics, Computational Biomedical Engineering, Computational Healthcare and Medicine
Date: 29th-31st May 2019
Venue : Ghana Technology University College, Accra, Ghana

International Symposium on Health Informatics, Computational Biomedical Engineering, Computational Healthcare and Medicine ISHICBECHM 2019 is co-located with ICCSPN. Proceedings of full papers of the in IEEE Xplore and other places such as Scopus, titles of papers will be made available in Web of Science linked to ResearcherID and Clarivate Analytics'Publons etc.. The Areas of the symposium are

- Algorithms for Natural language processing and clinical pattern recognitions
- Behavioral, Environmental, and Public Health Informatics
- Biological Network Modeling and Analysis
- Biomedical Imaging and Data Visualization
- Clinical and Health Decision Support Systems
- Content-based image retrieval
- Data breach prevention and security
- Data inference, mining, and trend analysis
- Healthcare communication networks
- Health information systems and convergence of health
- Healthcare modeling and simulation
- Knowledge discovery and decision support
- Mobile Health and Sensor Networks
- Predictive Modeling and Analytics in Healthcare
- Public health management solutions
- Sensor based mHealth apps
- Text Mining of Biomedical Literature and Clinical Notes
- extraction information from biomedical sensors
- Internet of Things
- biomedical data

- cloud computing in health
- data mining and big data analysis
- intelligent systems for health
- machine and deep learning
- diagnostic and predictive analytics
- health systems, healthcare, and wellness
- activity recognition in health care
- data authentication and security
- privacy-preserving systems for healthcare
- Cloud and IoT for Healthcare
- Data Mining of Health Data on the Cloud
- Design and Architecture of IoT eHealth Systems
- Emerging eHealth IoT Applications
- Forensics, Security, Safety and Privacy in eHealth and IoT
- Health Data Collection, Transmission and Storage in IoT
- Intelligent Data Processing and Predictive Algorithms in eHealth
- Interoperability and Standardization Issues in IoT and Healthcare
- IoT and smart textile for Health
- Machine Learning for Signal Processing
- Medical and Sensor Data Stream Processing
- Mobile Sensing and Smartphone Sensing

- Network Communications for Health Monitoring
- Processing of Quantified Self Data
- Quantified Self Devices & Technologies
- Sensor Network Operating Systems and Resource Management
- Signal Processing and Analysis
- Smart Homes and Smart Caring Environments
- Smartphone as a HealthyThing
- Telemedicine Applications
- Wearable Sensor Systems
- Wellness and Health Management Applications
- Wireless Sensor and Actuator Networks
- Medical and Biomedical Imaging
- E-Health
- Digital Pathology
- Gait Analysis and Biosignals
- Representation Based Biosignal Analysis
- Analysis of Medical Procedures Through Imaging
- Electronic health record (EHR) systems
- Healthcare Management Systems
- eHealth knowledge management
- Patient data security, privacy and reliability
- Performance evaluation of eHealth systems
- Quality of eHealth Information Management Systems
- eHealth and telemedicine systems in clinical practice
- eHealth and telemedicine practice in health research
- Health care management issues using eHealth
- Hardware design and nanotechnology of Implantable medical devices with emphasis on energy efficiency and renewable energy
- Energy-efficient wireless medical sensors for smart health applications
- Energy-efficient solutions and systems for patients' action recognition and tracking
- Energy-efficient electromechanical design of robotic and artificial organs
- Energy-efficient telecommunication systems for remote monitoring applications
- Energy management solutions and techniques for medical systems and facilities
- Sustainability and scalability of healthcare systems: energy perspective
- Next generation internet of medical things and systems: energy-related issues and techniques
- Edge and fog computing for medical systems and applications: energy perspective
- Energy-efficient cybersecurity techniques and solutions for wearable and implantable medical devices.
- Blockchain solutions and frameworks for energy management and medical data exchange
- Machine learning and Artificial Intelligence solutions and techniques for energy efficiency in healthcare systems.
- Big data management for medical data;
- Blockchain for healthcare;
- Biomedical data integration;
- Biomedical knowledge management and decision support;
- Semantics and interoperability for healthcare data;
- Clinical natural language processing and text mining;
- Predictive modelling for diagnosis and treatment;
- Visual analytics for medical data;
- Medical image analytics;
- Data privacy and security for healthcare data;
- Hospital readmission analytics;
- Medical fraud detection;
- Social media and Web data analytics for public health (public health 2.0);
- Data analytics for pervasive computing for medical care.
- Biomedical Data Mining
- Biomedical Engineering
- Cloud Computing and Big Data for Healthcare
- Collaboration Technologies for Healthcare
- Medical Robotics
- Applications in Electronic Health Records
- Mobile Applications for Healthcare
- Nursing Information
- Computer Games for Healthcare
- Health Information System
- Disease Profiling and Personalized Treatment
- Epidemiological Modeling
- Health Informatics Education
- Statistics and Quality of Medical Data
- Survival Analysis and Health Hazard
- Telecare and Telemedicine
- Virtual and Augmented Reality for Healthcare
- User-Interface Design for Medical Devices and Health Software

- Mobile Health and Sensor Applications
- Health Risk Evaluation & Modeling
- Medical Informatics and Medical Records
- Knowledge Bases and Health Data Mining
- Data Computational Models and Telemedicine Treatment Effects
- Medical Cyber Physical Systems
- Databases and Integration of Biomedical Data
- Medical Image Data Mining and Processing
- Bioinformatics and Healthcare Infrastructure
- Computer-aided Detection and Diagnosis
- Medical Imaging Informatics
- Electronic Medical Record Applications
- Intelligent Ward
- Health Software Architecture, Framework, Design and Engineering
- Medical Image Processing
- Medical Insurance Fraud Detection
- RFID Solutions for Healthcare
- Intelligent Health Care Delivery Management Systems
- Healthcare Informatics
- Designing Taylor-Made Customized Treatment and Therapy
- Preventative Medicine
- Genetic Counseling
- Intelligent Approaches to Health and Healing
- Virtual Hospice
- Application of Virtual Reality Systems in Medicine
- Collaborative Virtual Networks and Organizations in Health Care and Medicine
- Cybernetic and Synergetic Systems and Processes in Intelligent Medicine
- Traditional signal processing topics include: Signal analysis (e.g., EEG, ECG, EMG) etc
- Electronic medical records
- Wearable healthcare devices
- Security and reliability in wireless medical technologies
- Biomedical nanosensors and wireless technologies
- Biomedical instrumentation and electrical stimulation
- Etc.

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Registration for Full Paper $300 (Short paper 3-4 pages and Full paper 5-6 pages IEEE Paper template http://icspn.ghsociety.org/template.doc) This covers presentation and conference participation.

Registration for Abstract Only $100. (Title, Name of Authors, Affiliation, Abstract and Key words) This covers presentation and conference participation.

All selected papers further qualified for future advancement/improvement of work-done for Special Issues in reputable Journals and Book Chapters to be indexed in reputable places such as SCOPUS. Authors will be contacted in the future for submissions to these call for papers. All selected abstracts qualify for such invitations.

Submission link: https://cmt3.research.microsoft.com/ICCSPN2019
Website : http://iccspn.ghsociety.org/
Deadline for full papers submission :
20th May 2019
Final notification of acceptance :
25th May 2019
Deadline for registration :
27th May 2019
Deadline for Camera-ready :
28th May 2019
Conference date : 29th to 31th May 2019
Venue : Ghana Technology University College, Accra Ghana.