IEEE Transactions on Industrial Informatics
CALL FOR PAPERS
for Special Section on
Intelligent Wearable Systems for Human Health Monitoring

Theme: Intelligent wearable systems are capable of realizing online daily physiological monitoring on the wearer's health and well-being using close to the body sensors distributed on the whole fabric surface without requiring additional electronic devices. They can provide new data-based services to the target populations (aged people, disabled people, soldiers, security personnel, athletes, etc.) for managing and optimizing their daily activities, such as physical exercise control, geo-localization, monitoring and forecasting of chronological pathologies, food nutrition control, stress and depression forecasting and control, and risk minimization for illness, injury, and inconvenient. In this context, this special issue aims at providing a leading forum for disseminating the latest results of research, development, and applications in the area of healthcare-oriented wearable systems with a strong involvement of artificial intelligence.

The main topics of this special issue include, but are not limited to, the following:

   Development of medical miniature sensors

   Development of imbedded systems for health monitoring

   Design of wearable systems: material and fashion design, electronic integration

   Wearable medical decision support systems and medical big data mining

   Wearable systems and human-machine interaction/cooperation

   Sustainable supply chain of wearable systems and business models

Manuscript Preparation and Submission
Follow the guidelines in "Information for Authors" in the IEEE Transaction on Industrial Informatics http://www.ieee-ies.org/pubs/transactions-on-industrial-informatics . Please submit your manuscript in electronic form through Manuscript Central web site: https://mc.manuscriptcentral.com/tii . On the submitting page #1 in popup menu of manuscript type, select: SS on **Intelligent Wearable Systems for Human Health Monitoring**

Submissions to this Special Section must represent original material that has been neither submitted to, nor published in, any other journal. Regular manuscript length is 8 pages.

Note: The recommended papers for the section are subject to final approval by the Editor-in-Chief. Some papers may be published outside the special section, at the EIC discretion.

Timetable:	Deadline for manuscript submissions	August 30, 2019
	Expected publication date (tentative)	January 2020

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