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## KEY DATES

**DEADLINE FOR SUBMISSION:**  
31st March 2014

**FIRST REVIEWS DUE:**  
26th May 2014

**FINAL DECISION:**  
7th July 2014

## Editor-in-Chief:

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## “Telehealth Systems and Applications”

### J-BHI Special Issue

The convergence of information and communication technologies supporting Telehealth systems and applications are fostering a diversity of cost-effective and efficient healthcare solutions. These solutions are becoming embedded in all aspects of clinical care, and are enhancing the quality-of-care while decreasing the rapid growth in healthcare costs. Furthermore, through the expansion of affordable and accessible Internet-enabled health sensors and mobile computing devices, new Telehealth systems and applications are being developed that will lead to significant improvements to our current healthcare systems. This special issue aims at reporting the state-of-the-art research in Telehealth systems and applications. It will examine how recent technological developments are reshaping and transforming the healthcare sector. Suggested topics, but not limited to, are:

- Mobile health (mHealth)
- Telesurgery and Teleproctoring
- Remote health monitoring
- Smart medical home / Ambient assisted living
- Wearable sensor-based health monitoring
- Smart clothe for online real-time monitoring
- Aging care Telehealth services
- Personalised / Electronic health records
- Decision support / Artificial Intelligence in Telehealth
- Deployment of Telehealth in clinical environments

## Submission of manuscripts

Submitted articles must not have been previously published or currently submitted for journal publication elsewhere. As an author, you are responsible for understanding and adhering to our submission guidelines. You can access them at the IEEE Computer Society (<http://www.computer.org>) and IEEE Engineering in Medicine & Biology Society (<http://www.embs.org/>) web sites. Manuscripts must be prepared according to the format of the IEEE Transactions (<http://jbhi.embs.org/for-authors/>) and electronically submitted through the web-based Manuscript Central (<http://embs-ieee.manuscriptcentral.com/>). When submitting, **authors are requested to choose “Telehealth Systems and Applications” in the manuscript type to indicate that the paper is intended for this special issue.** The managing editor for coordinating this special issue is Dr Benny Lo.