



## IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology

### Call for Papers

### For the Special Issue on Theory and Techniques of Wireless Power Transfer and Harvesting Towards Medical and Biology Related Applications

The IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology (J-ERM), sponsored by IEEE MTT-S, APS and EMBS societies and Sensors Council, will publish a special Issue devoted to wireless power transfer and harvesting for medical and biology related applications. The topics of interest include, but are not limited to, the following technical areas towards biological and medical applications:

- Wireless power transfer (WPT).
- Electromagnetic energy harvesting.
- Tissue absorption and biological effects of WPT.
- WPT for medical/biology RFID and sensors.
- Biological and medical Internet of Things (IoT).
- Wearable and implantable wireless devices and networks.
- Electromagnetic compatibility & interferences.
- Wireless power standards and regulations.
- RF and millimeter-wave techniques.
- Emerging wireless power transfer/harvesting techniques and applications

Authors of original research in either theory or technology are cordially invited to submit their papers to the special Issue. Every paper will be reviewed in the same manner as regular submissions to this journal. Information of the journal can be found at <http://iee-jerm.org>.

The special issue is a part of the efforts of the journal on unifying the sciences and applications of medicine and biology related to utilizing electromagnetics, radio frequency signals and microwaves/millimeter-waves. If you are doubtful whether your paper is suitable for the special issue of the J-ERM, please write to the editor-in-chief ([jerm-editor@ieee.org](mailto:jerm-editor@ieee.org)) or the guest editors listed below.

Please note that:

1. Papers should be submitted through the journal's web page <http://iee-jerm.org> leading to ScholarOne Manuscript Central.
2. In the menu for "Manuscript Type", please select "2018 WPT Special Issue". The submission window will open after the conference.
3. Manuscript is limited to 6 pages maximum without citation pages. There is no publication fee.
4. Authors' previously closely related paper(s) (e.g. conference papers) should be included with the submission as well.
5. The guideline and template for manuscript preparation can be found on the J-ERM webpage.
6. Electronic check will automatically reject papers with more than 15% overlap in text from previous publications.

The due date for the paper submission is **Nov. 1, 2017**. The expected publication date of the special issue is **Feb. 1, 2018**. The journal is in electronic format so the accepted paper will appear in IEEE Xplore within a few days after acceptance.

If you have any question, please contact us at the following guest editors:

Guest Editors:

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