Call for Papers
IEEE Life Sciences Letters
Special Issue on the Foundations of Systems Biology in Engineering

Following the successful conclusion of the fifth international Foundations of Systems Biology in Engineering (FOSBE) conference, we are assembling a special issue of IEEE Life Sciences Letters. Its focus will be on emerging challenges in the fields of systems biology, and its translational science counterpart systems medicine. The special issue is intended to serve as a bridge between reductionist molecular and cellular biology approaches and the systems-level understanding required to use this knowledge to advance the human condition. We seek contributions with an emphasis on engineering approaches and interdisciplinary education in Systems Biology.

Thematic areas include, but are not limited to:
- Biological Networks
- Measurements for Validation in Systems Biology
- Metabolic and Signaling Network Modeling and Analysis
- Multi-cellular Systems Biology
- Synthetic Systems Biology
- Systems Analysis Techniques
- Systems Biology Education
- Systems Medicine

Submissions must represent new, unpublished, and original research that is not under consideration for publication in another journal. Furthermore, submissions must conform to the 4-page limit for IEEE Life Sciences Letters manuscripts. Complete instructions for authors can be found here:

http://lifesciences.ieee.org/ls-letters/lsl-authors-info

The closing date for submissions of papers will be November 30, 2015. IEEE Life Sciences Letters is an open access journal that aims at rapid turn-around of submitted manuscripts. Accepted papers will be published on-line as soon as they are accepted. An electronic special issue would be prepared once the final editorial processing of all accepted papers is complete.

Robert S. Parker, University of Pittsburgh, Guest Editor
On behalf of the Guest Editorial Team
    Neda Bagheri, Northwestern University
    Rudiyanto Gunawan, ETH Zurich
    Juergen Hahn, RPI
    Rajanikanth Vadigepalli, Thomas Jefferson University