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ACM/Springer Mobile Networks & Applications (MONET)
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SPECIAL ISSUE ON
Biologically Inspired Networking

Overview:

Biologically inspired networking (or bio-inspired networking) represents an emerging research field that seeks the understanding of key principles, processes and mechanisms in biological systems and leverages the understanding to develop novel networking mechanisms. In this special issue, we solicit high-quality original papers, describing recent research efforts in bio-inspired networking.

Topics

Topics of interest include, but are not limited to, the following scope:

<ul style="list-style-type: none">- Signal processing for bio-inspired networking- Communication theory for bio-inspired networking- Data management and analytics for bio-inspired networking- Algorithms and their applications for bio-inspired networking- Formal models and methods for bio-inspired networking- Collective behavior for bio-inspired networking- Bio-inspired software and hardware systems- Modeling, simulations and empirical experiments of bio-inspired networking- Modeling, simulations and empirical experiments of bio-inspired networking	<ul style="list-style-type: none">- Self-organization in bio-inspired networking- Security, robustness and resilience in bio-inspired networking- Design, configuration, performance and management issues in bio-inspired networking- Tools, testbeds and deployment aspects in bio-inspired networking- Applications, experiences and standardization of bio-inspired networking
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Important Dates

- Manuscript submission deadline: November 1, 2016
- Notification of acceptance: January 16, 2017
- Submission of final revised paper: March 1, 2017
- Publication of special issue (tentative): June 1, 2017

Submission Procedure

Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through <http://www.editorialmanager.com/mone/>.

A copy of the manuscript should also be emailed to the Guest Editors at the following email address tadasi.nakano@fbs.osaka-u.ac.jp.

Guest Editors:

Tadashi Nakano, Osaka University, Japan

Adriana Compagnoni, Stevens Institute of Technology, USA



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Mobile Networks and Applications

The Journal of SPECIAL ISSUES on Mobility of Systems,

Users, Data and Computing

Editor-in-Chief: Chlamtac, I.

ISSN: 1383-469X (print version)

ISSN: 1572-8153 (electronic version)

Journal no. 11036