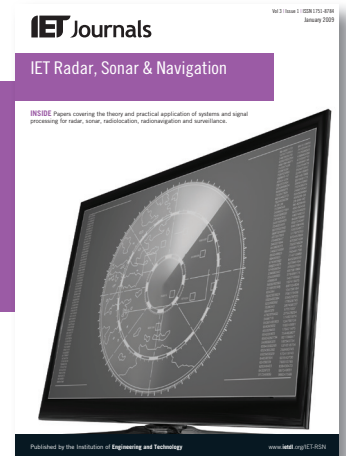


IET Radar, Sonar & Navigation Call for Papers

SPECIAL ISSUE ON: Biologically-Inspired Radar and Sonar Systems



This is a call for papers on biologically-inspired or biomimetic radar and sonar systems for a special issue in the IET Radar, Sonar & Navigation journal. Articles are invited which explore the biological sources of inspiration for sonar and radar systems, which document tests of their efficacy, and which illuminate similarities and differences between the approaches in the sonar and radar regimes.

The special issue will highlight recent advances in biologically-inspired methods applied to artificial sensors. Contributions are sought that address but are not limited to:

- bio-inspired waveforms
- analysis of naturally occurring echolocation systems
- bio-inspired methods for target detection and classification
- bio-inspired transducers
- cognitive signal processing inspired by natural systems
- bio-inspired imaging
- future research directions

Papers will be subject to the journal's standard peer-review procedure and should follow style/length guidelines set out in the 'Author guide' section of the journal webpage at www.ietdl.org/IET-RSN

All papers must be submitted through the journal's Manuscript Central system:
<http://mc.manuscriptcentral.com/iet-rsn>

Proposed publication schedule:

Deadline for submission of papers: 1 June 2011

Authors to receive a 1st decision by:

October 2011

Final notification of acceptance:

February 2012

On-line and print publication:

Mid 2012

Special issue guest editors:

Prof. Tim Leighton

ISVR, University of Southampton

E: T.G.Leighton@soton.ac.uk

Mr. Alessio Balleri

Dept. Electronic & Electrical Engineering,
University College London

E: a.balleri@ee.ucl.ac.uk

IET Publishing Dept. contact:

Rebecca Ratty

Editorial Assistant

IET Radar, Sonar & Navigation

E: rebeccaratty@theiet.org