

Call For Papers

ELEKTRİK

The Turkish Journal of Electrical Engineering and Computer Sciences

Announces a Special Issue on

Swarm Robotics

Sponsored by the Scientific and Technical Research Council of Turkey (TÜBİTAK) and the Chamber of Electrical Engineers (EMO), ELEKTRİK is an international journal on all aspects of electrical engineering and computer sciences. This special issue that has been scheduled to be published in July 2007 will contain both invited and contributed papers.

Submission of papers

Prospective authors may submit their manuscripts to the guest editor and/or the Editor-in-Chief given below with **a statement that the submission is intended for this special issue**. Only word/latex documents or PDF files via email submission will be accepted (please follow the regular guidelines of ELEKTRİK).

Topics

Possible topics for the issue include but are not limited to

- Modeling and analysis (Lyapunov, graph theoretic, game theoretic methods, etc.)
- Coordination and control (decentralized, cooperative, noncooperative, etc.)
- Formation control (stabilization, reconfiguration, coverage algorithms, etc)
- Self-organization, self-assembling
- Synchronization, consensus seeking, rendezvous
- Evolutionary algorithms
- Emergent behavior (gathering, aggregation, flocking, schooling, etc.)
- Swarm communication, service discovery, ad-hoc networks
- Swarm intelligence
- Applications

Guest Editor

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Important Dates

Final date for submission of manuscripts: **31 August 2006**

Notification of acceptance/rejection: **31 December 2006**

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