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Special Session on

“Distributed intelligent control technique for complex networking systems”

Organized by

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Call for Papers

Theme: During the last two decades, distributed intelligent control technique for complex networking systems has attracted extensive attention due to its broad applications in engineering, physics, biology and social sciences. A fundamental idea is that by carefully implementing distributed intelligent control algorithms for complex networking systems, collective tasks can be reached for complex networking system using distributed information. In recent years the study of distributed intelligent control problems (e.g., consensus, distributed containment, distributed coverage, distributed optimization, distributed guidance) in complex networking systems have received significant attention by the scientific community involving several diverse fields and many application domains. Despite the volume of work in above areas, there are still many new developments, applications and emerging challenges.

Topics of interest include, but are not limited to:

- Synchronization analyzing for complex networking systems
- Pinning control for complex networking systems
- Controllability analyzing of complex network
- Consensus of multiple intelligent systems
- Block chain technology
- Distributed optimization for Smart Grids
- Containment control for complex networking systems
- Distributed average tracking for multiple signals
- Distributed guidance technique for multiple intelligent equipment
- Distributed intelligent control technique for intelligent traffic network systems

■ IES Technical Committee Sponsoring the Special Session:

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