

International Journal of

Soft Computing and Networking

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Scope of the Journal

ISSN: 2052-8450 (Print), ISSN: 2052-8469 (Online)

IJSCN addresses the interdisciplinary and trans-disciplinary nature of two of the most promising and rapidly expanding fields of computation: soft computing and networking. IJSCN helps promote the further integration and fusion of both disciplines within practical applications and fosters discussion on theoretical advances of such integration. It addresses state-of-the-art contributions within both fields, acknowledging the complexity of present-day communication networks as well as related abstractions, virtualisations, algorithm design and improvement, thus meeting the challenge of achieving efficiency, sustainability and optimality.

Topics covered include:

- Soft computing (SC) for network architecture, design and management
- SC and quality-of-service, scalability solutions
- Fairness, optimality, efficiency of network resource sharing and distribution
- SC and network deployment, management and operation
- SC for network security (monitoring, VPN, certification etc.)
- SC for network applications (www, email, etc.) and their operation
- Heuristic and metaheuristic approaches for networking technologies
- Combinatorial optimisation and combinatorial designs for networking problems
- Network metrics, network growth and percolation models
- Fuzzy information processing for modelling of users and network-based services
- Validation, evaluation and simulation approaches
- Nature-inspired networking paradigms
- Soft networking, network virtualisation, cloud and networking services



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