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Call for papers for a special issue of
Information Fusion
An International Journal on Multi-Sensor, Multi-Source Information Fusion
An Elsevier Publication
on
INFORMATION FUSION IN MULTI-DIMENSIONAL KNOWLEDGE DISCOVERY
AND COMPUTATIONAL INTELLIGENCE

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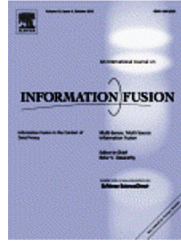
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The Information Fusion Journal is planning a special issue on **information fusion in multi-dimensional knowledge discovery and computational intelligence**.

The special issue aims at presenting recent research work done in the areas of knowledge discovery and computational intelligence involving multiple sources of information and multiple intelligent agents evolving in multi-dimensional spaces. From pattern recognition to evolutionary computing and neuro-fuzzy systems, expected contributions will address architectures, algorithms, and/or applications.

Manuscripts (*which should be original and **not previously published either in full or in part or presented even in a more or less similar form at any other forum***) covering unpublished research in multi-dimensional knowledge discovery and computational intelligence that clearly delineate **the role of information fusion** in the context of knowledge discovery and computational intelligence are invited. Absolutely **no cut and pastes** from prior publications (of text and/or figures or tables or other illustrations) will be permitted. This is a mandatory requirement. All such reproduced material should be excluded by generous use of citations to the relevant prior publications wherever necessary within the text of the Journal submission. Such related papers should also be submitted online along with the m/s designating them as companion files. (Please note that all submissions will be evaluated for overlap with published literature using .I-thenticate or similar software and high scores may result in the manuscript being rejected without formal review.)

The manuscript will be judged solely on the basis of new contributions excluding the contributions made in earlier publications. Contributions should be described in sufficient detail to be reproducible on the basis of the material presented in the paper and the references cited therein.



Topics appropriate for this special issue include, but are not necessarily limited to:

- Data reduction and quality assessment
- Mining high-dimensional data
- Mining text and semi-structured data
- Mining multimedia data
- Structured data analysis and statistical methods
- BioInformatics & pattern discovery
- Clustering and classification methods
- Machine Learning
- Data Analytics
- Evolutionary multiobjective optimization
- Swarm/collective intelligence
- Soft computing and intelligent agents
- Neuro-fuzzy systems
- Fuzzy Systems Design, Modeling and Control
- Fuzzy information retrieval and data mining
- Pattern recognition: Fuzzy clustering and classifiers
- Fuzzy image, speech and signal processing, vision and multimedia
- Neural Multi-agent Intelligent Systems and Applications
- Neural network software and applications
- Complex artificial neural network based systems and dynamics

Manuscripts should be submitted electronically online at <http://ees.elsevier.com/inffus>
Offline submissions will not be considered. The corresponding author will have to create a user profile if one has not been established before at Elsevier.

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