



INFORMATION FUSION

An International Journal on Multi-Sensor, Multi-Source Information Fusion

AUTHOR INFORMATION PACK

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DESCRIPTION

The journal is intended to present within a single forum all of the developments in the field of **multi-sensor, multi-source, multi-process information fusion** and thereby promote the synergism among the many disciplines that are contributing to its growth. The journal is the premier vehicle for disseminating information on all aspects of research and development in the field of information fusion. Articles are expected to emphasize one or more of the three facets: **architectures, algorithms, and applications**. Papers dealing with fundamental theoretical analyses as well as those demonstrating their application to real-world problems will be welcome. The journal publishes original papers, letters to the [Editors](#) and from time to time invited review articles, in all areas related to the information fusion arena including, but not limited to, the following suggested topics:

- Data/Image, Feature, Decision, and Multilevel Fusion
- Multi-classifier/Decision Systems
- Multi-Look Temporal Fusion
- Multi-Sensor, Multi-Source Fusion System Architectures
- Distributed and Wireless Sensor Networks
- Higher Level Fusion Topics Including Situation Awareness And Management
- Multi-Sensor Management and Real-Time Applications
- Adaptive And Self-Improving Fusion System Architectures
- Active, Passive, And Mixed Sensor Suites
- Multi-Sensor And Distributed Sensor System Design
- Fusion Learning In Imperfect, Imprecise And Incomplete Environments
- Intelligent Techniques For Fusion Processing
- Fusion System Design And Algorithmic Issues
- Fusion System Computational Resources and Demands Optimization
- Special Purpose Hardware Dedicated To Fusion Applications
- Mining Remotely Sensed Multi-Spectral/Hyper-Spectral Image Data Bases
- Information Fusion Applications in Intrusion Detection, Network Security, Information Security and Assurance arena
- Applications such as Robotics, Space, Bio-medical, Transportation, Economics, and Financial Information Systems
- Real-World Issues such as Computational Demands, Real-Time Constraints in the context of Fusion systems.

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AUDIENCE

Scientists in industry, academia and government engaged in research and development in the design of multi-sensor, multi-source information based decision systems in the context of the various application areas listed above.

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[4] Cancer Research UK, *Cancer statistics reports for the UK*. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

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