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ACM Transactions on Spatial Algorithms and Systems

A New ACM Journal



Information For Contributors

ACM Transactions on Spatial Algorithms and Systems (TSAS) is a new scholarly journal that publishes high-quality papers on all aspects of spatial algorithms and systems and closely related disciplines. It has a multi-disciplinary perspective spanning a large number of areas where spatial data is manipulated or visualized (regardless of how it is specified - i.e., geometrically or textually), such as: geography, geographic information systems (GIS), geospatial and spatiotemporal databases, spatial and metric indexing, location-based services, web-based spatial applications, geographic information retrieval (GIR), spatial reasoning and mining, securing and privacy, as well as the related visual computing areas of computer graphics, computer vision, solid modeling, and visualization where the spatial, geospatial, and spatiotemporal data is central.

The journal welcomes articles on any of the above topics or closely related disciplines in the context of various computing architectures including parallel and distributed networks of computers, multiprocessing computers, or new mobile devices and sensors. The journal also welcomes innovative, high-impact articles on emerging or deployed technologies with solid evaluation or evidence of success on a variety of data. System architecture papers will be considered provided that they are accompanied by an appropriate evaluation. Focused surveys on topics relevant to TSAS that make a contribution to a deep understanding of an important area or subarea of geospatial data handling are encouraged. Concise papers may be submitted as technical notes. Technical comments on published articles are also welcome.

The journal is committed to the timely dissemination of research results in the area of spatial algorithms and systems.



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