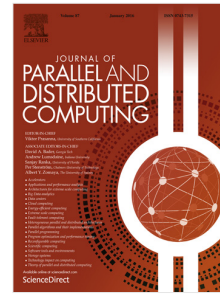


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Scheduling parallel and distributed processing for automotive data stream management system

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Research highlights

- ▶ Scheduling algorithms for automotive data stream management systems.
- ▶ End-to-end timing behavior in heterogeneous processor and network environments can be analyzed accurately.
- ▶ We consider load balancing and imprecise computation models to utilize limited resources more efficiently.
- ▶ The proposed algorithms improve schedule length, accuracy, and load balancing significantly compared to the previous algorithm.

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