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A Multi-Agent System for Minimizing Information Indeterminacy within Information Fusion Scenarios in Peer-to-Peer Networks with Limited Resources

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**Highlights**

- Heterogeneous peer-to-peer networks often depend on limited resources, which usually cuts down the performance of the network.
- We present a multi-agent information fusion system that relies on collaborating peers to significantly improve the quality of information in resource-limited settings.
- The underlying model is founded on querying the peers that have historically performed better for a given agent and information type.
- Our system has a broad spectrum of application domains, ranging from mobile recommendation systems to decision-making applications in critical environments.

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