

COMPUTER SCIENCE
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The Challenge of QoS in Configurable Mesh Networks

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Abstract: QoS support for power-constrained wireless mesh networks (WMNs) poses a significant challenge. WMNs are increasingly used as multi-purpose networks, i.e., they serve multiple objectives and different applications simultaneously. As a consequence, a one-size-fits-all routing solution is difficult to achieve, particularly when the performance and QoS expectations of these applications differ. This talk discusses Configurable Mesh Routing (CMR), a toolkit that supports the discovery and management of routes based on any combination of a number of supported QoS metrics. This enables network users to deploy customized routes that meet their unique needs.

Monday, March 29, 2010, 4:00 pm
Mathematics and Science Center: W301

Refreshments at 3:30pm in the Break Room.

MATHEMATICS AND COMPUTER SCIENCE
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