

Panel

Future of Multi-hopping: from Theory to Practice

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PANEL SUMMARY

The research community has been fascinated by the challenges posed by multi-hopping for over a decade, and has produced a number of interesting theoretical results and innovative solutions for many of these challenges. However, despite the plethora of envisioned applications for many multi-hop architectures, e.g. mesh, sensor, and ad-hoc, the reality is that there are only a few real-world success stories involving multi-hopping.

The panel plans to discuss how we can move more effectively from theory to practice, and debate whether it is a matter of time for more real-world applications to materialize, or cost-related and other real-world considerations will restrict the use of multi-hopping to only a few specialized applications.

Categories & Subject Descriptors: C.2.1 [Network Architecture and Design]:
Network Communications, Wireless Communications.

General Terms: Design, Theory, Verification, Experimentation, Performance, Economics.