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Professor Bhaskar Krishnamachari
University of Southern Carlifornia

Title:
From models to reality: closing the gap in wireless network optimization

Abstract:
I will talk about the gap between theoretical models and algorithmic research into wireless networks and practical implementations and testbed experiments, drawing on a number of examples and case studies I've encountered over the years, including modeling unreliability in low power wireless links, back-pressure routing, congestion control, indoor localization, green server operation, and networked robotics.