

Vehicular Networking

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Abstract: As the next Internet will be an Internet of Things, interconnecting not only computers but also cyber-physical systems, the topic of vehicular networking is gaining momentum. Mobility and wireless aspects make the design and operation of vehicular networks particularly challenging. The auto and electronics industries, and government agencies, have been active in obtaining wireless spectrum allocations, defining PHY and MAC standards, implementing equipment, safety and mobility applications, and running field trials. Meanwhile, researchers have designed new algorithms, routing protocols, and published results from simulation studies. This tutorial will provide a broad understanding of the current state-of-the-art of vehicular networking.

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