



# Ultra-Low Energy Wireless Sensor Networks in Practice

THEORY, REALIZATION AND DEPLOYMENT

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**Finally a book on Wireless Sensor Networks that covers real world applications and contains practical advice!**

Kuorilehto et al. have written the first *practical* guide to wireless sensor networks. The authors draw on their experience in the development and field-testing of autonomous wireless sensor networks (WSNs) to offer a comprehensive reference on fundamentals, practical matters, limitations and solutions of this fast moving research area.

*Ultra-Low Energy Wireless Sensor Networks in Practice:*

- Explains the essential problems and issues in real wireless sensor networks, and analyzes the most promising solutions.
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- Offers practical experiences from new applications and their field-testing, including several deployed networks.
- Includes simulations and physical measurements for energy consumption, bit rate, latency, memory, and lifetime.
- Covers embedded resource-limited operating systems, middleware and application software.

*Ultra-Low Energy Wireless Sensor Networks in Practice* will prove essential reading for research scientists, advanced students in networking, electrical engineering and computer science as well as product managers and design engineers.

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