

# Energy-Aware TDMA-Based MAC for Sensor Networks



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## Agenda

- Introduction
- Motivations
- Assumptions
- Protocol Description
- Experiment setup - Scenarios
- Results
- Critique
- Relationship to the lifetime of a Sensor Network

TDMA MAC protocol

Telecommunications Program  
Ph.D. Seminar Spring 2006

Slide: 2

## Introduction

- Authors previously created an energy aware routing protocol
- Now, they present a TDMA – MAC Algorithm for complementing their routing protocol and maximize lifetime
- They show two ways of assigning time slots
- Results are evaluated through simulations

TDMA MAC protocol

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Slide: 3

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