

Technical Communication in Your Field

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TODO: ABSTRACT

Categories and Subject Descriptors: C.2.2 [Technical Communication]: Computer Science

General Terms: Comments, Communication, Issue Tracking, Technical Language, Version Control

Additional Key Words and Phrases: Technical Communication, ACM Small Format

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1. INTRODUCTION

TODO: INTRODUCTION

2. INTERVIEWS

2.1. Professional 1

TODO

2.2. Professional 2

TODO

3. TYPICAL REFERENCES IN NEW ACM REFERENCE FORMAT

TODO

APPENDIX

In this appendix, we measure the channel switching time of Micaz [CROSSBOW] sensor devices. In our experiments, one mote alternately switches between Channels 11 and 12. Every time after the node switches to a channel, it sends out a packet immediately and then changes to a new channel as soon as the transmission is finished. We measure the number of packets the test mote can send in 10 seconds, denoted as N_1 . In contrast, we also measure the same value of the test mote without switching channels, denoted as N_2 . We calculate the channel-switching time s as

$$s = \frac{10}{N_1} - \frac{10}{N_2}.$$

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By repeating the experiments 100 times, we get the average channel-switching time of Micaz nodes: $24.3\mu s$.

ELECTRONIC APPENDIX

The electronic appendix for this article can be accessed in the ACM Digital Library.

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REFERENCES