Universitatea Națională de Știință și Tehnologie POLITEHNICA din București Facultatea de Automatică și Calculatoare Departamentul Calculatoare



RAPORT CERCETARE DISERTAȚIE

Comunicație oportunistă în orașe inteligente

Alexandru Micu

Coordonator stiintific:

Conf. dr. ing. Radu Ioan Ciobanu

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National University of Science and Technology POLITEHNICA Bucharest

Faculty of Automatic Control and Computers
Computer Science and Engineering Department



MASTER THESIS RESEARCH REPORT

Opportunistic Communication in Smart Cities

Alexandru Micu

Thesis advisor:

Conf. dr. ing. Radu Ioan Ciobanu

BUCHAREST

2025

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ABSTRACT

The abstract should contain the following information (1/2 sentences per item):

- Problem statement / context
- Aim of the thesis/research objective(s)
- Brief method details
- Main results
- Concluding remarks

REZUMAT

Translation to be made at the end

Keywords: max 5, e.g., Language Models, Natural Language Processing

1 INTRODUCTION

Google Scholar and Mendeley are your friends for generating references. You can also export them directly from DBLP and other websites.

Please use citet - e.g., Vaswani et al. (2017) - for contextual references to the authors and citep - e.g., (Hochreiter & Schmidhuber, 1997) - in usual citations. **Never** include paper titles, only formulations that relate to the authors and are automatically generated (e.g., The study by ..., or X (year) have ...). Examples of BibTex entries are included in the "bibliography.bib" file.

Also, Grammarly is extremely useful for grammatical corrections. Please use the Chrome plugin integrated with Overleaf.

1.1 Context

1.2 Problem Statement

1.3 Objectives

1.4 Thesis Structure

2 STATE OF THE ART

- 3 METHOD
- 3.1 Corpus
- 3.1.1 Descriptives
- 3.2 (Neural) Architecture
- 3.3 Performance Metrics

4 RESULTS

- 5 DISCUSSION
- **5.1** Performance Comparison
- 5.2 Limitations

6 CONCLUSIONS AND FUTURE WORK

REFERENCES

Hochreiter, S., & Schmidhuber, J. (1997). Long short-term memory. *Neural Computation*, 9(8), 1735–1780.

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