...

Aghiles Djoudi[1,2], Rafik Zitouni[2], Nawel Zangar[1] and Laurent George[1]

[1]LIGM, UMR 8049, École des Ponts, UPEM, ESIEE Paris, CNRS,UPE, France
[2]ECE Research Lab Paris, 37 Quai de Grenelle, 75015 Paris, France
Email: {aghiles.djoudi, nawel.zangar, laurent.george}@esiee.fr, rafik.zitouni@ece.fr

***Abstract*—The purpose of this meting was to talk about our approach to use genetic algorithm to select the LoRa transmission setting that best fit the application requirements. Beside this, we talked about the ability to adapt this work to a building application and particularly to track persons, objects in a construction site. Clustering algorithms could be helpful in this kind of application**

Because allows devices to be located and placed in in based on their

One of the most important problem ... This limitation could be addressed by Our work is motivated by Our goal is to

The difficulty is mainly due to To address this problem,

Particularly,

We validate our approach by

Simulation results show that

Furthermore,

I. Introduction

II. Related work

A. Objenious

III. Background

Selection of technology

A. Hardware

B. Operating system

C. Communication protocol

D. Workspace and tools

IV. Approach

V. Experimentation

VI. Results exploitation

A. Range

B. Response time

C. Connection speed

D. Power consumption

VII. Conclusion

The main challenge of this work was to The efficiency of such algorithms

Our main contribution was to

To measure the accuracy of

As we find that ..., we plan to ..

I. Introduction

The need of The main factor is

The difficulty to build such system is

For that purpose, we ... In this work we ...

This paper is organized as follows. Section II elucidates summary of related works. Section **??** provide the required background. In Section IV, we ... our approach to solve ... Our experimentation is presented in Section V. Our findings are presented in section **??**. Section VII concludes this paper.