

# MY MASTERPIECE

*by*

*Me*

UNDER THE SUPERVISION OF:

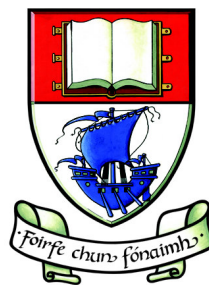
DR. X

PROF. Y

THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF

DOCTOR OF PHILOSOPHY

Month Year



DEPARTMENT OF ...

SCHOOL

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*I hereby certify that this material, which I now submit for assessment on the programme of study leading to the award of Doctor of Philosophy is entirely my own work and has not been taken from the work of others save to the extent that such work has been cited and acknowledged within the text of my work.*

Signed:

ID number: ID

Date: Month Year

## **Abstract**

This is why, here is what and how...

Dedicated to... my cat.

## Acknowledgements

I'd like to thank...

*City, Month Year*

*My name*

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LIST OF ACRONYMS

**VoIP** Voice Over IP .....7

**WMN** Wireless Mesh Network .....7

## PUBLICATIONS

- [1] Albert Einstein, Boris Podolsky, and Nathan Rosen. Can quantum-mechanical description of physical reality be considered complete? *Physical review*, 47(10):777, 1935
- [2] Albert Einstein et al. On the electrodynamics of moving bodies. *Annalen der Physik*, 17(10):891–921, 1905

## INTRODUCTION

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## **2.1 Section A**

This is how to use section, subsections, and subsubsections. Don't forget to use labels right from the beginning, otherwise you'll have to work a lot if the text is already written. Don't be lazy, it'll pay off in the long run.

### **2.1.1 Subsection A1**

Blah blah.

#### **2.1.1.1 Subsection A1i**

Blah blah.

## **2.2 Including Images**

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quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum in Figure 2.1.

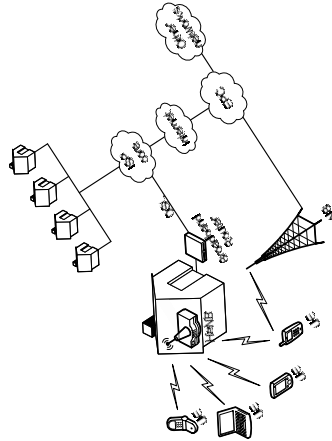


Figure 2.1: Typical deployment for LTE Femtocells with DSL backhaul

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## 2.3 Tables

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Table 2.1: Obtaining the Mean ( $\mu$ ) and Standard Deviation ( $\sigma$ ) of iMOS

Call	iMOS		$\mu(iMOS)$		$\sigma(iMOS)$	
	DL	UL	DL	UL	DL	UL
$call_1$	3.90, 3.90, ..., 3.80	3.73, 3.81, ..., 3.69	3.88	3.78	0.4	0.6
$call_2$	3.82, 3.80, ..., 3.80	3.70, 3.73, ..., 3.75	3.81	3.71	0.2	0.3
...	...	...	...	...	...	...
$call_M$	3.85, 3.80, ..., 3.75	3.75, 3.70, ..., 3.65	3.80	3.70	0.5	0.5
$\mu(\mu(iMOS))$			3.74	3.84		
$\sigma(\mu(iMOS))$			0.04	0.06		
$\mu(\sigma(iMOS))$					0.33	0.53

## 2.4 Equations

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$$H(x) = \begin{cases} 0 & \text{if } x < 0, \text{ else} \\ 1 & \text{for } x \geq 0 \end{cases} \quad (2.1)$$

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## 2.5 Algorithms

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**Algorithm 2.1:** How to ...

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```
input : x, y
output: z

if x > y then
    do this;
else
    for i ← 1 to 10 do
        if condition then
            if another condition then
                do something;
            something else;
        else
            whatever; // your comment
Done
```

---

## 2.6 Citations

Einstein et al. in [2] have done this and that.

## 2.7 Acronyms

Voice Over IP (VoIP) is bla bla. Wireless Mesh Network (WMN) is that. If you want it full again: Voice Over IP (VoIP). If you want only its extended text, then use Wireless Mesh Network. If you want plural use: for acronym WMNs, and full & long version Wireless Mesh Networks. Take care, some plurals in English are special.

## 2.8 To dos

In case you want to do something later and want to make sure not to forget, leave a marker on the margin, like this `\todo{...}`. If you enable the list of todos in the main file, i.e. thesis.tex via the `listoftodos` command, then you'll have them all centralized on one page. So you know the scale of what you have to do!

Don't forget this.

## CONCLUSION

**T**his work focused on ... Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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### **3.1 Future Work**

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quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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## REFERENCES

- [1] Albert Einstein, Boris Podolsky, and Nathan Rosen. Can quantum-mechanical description of physical reality be considered complete? *Physical review*, 47(10): 777, 1935. x
- [2] Albert Einstein et al. On the electrodynamics of moving bodies. *Annalen der Physik*, 17(10):891–921, 1905. x, 6

## CODE OR WHATEVER

### A.1 Algorithm implementation

The C++ code in Listing A.1 is Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Listing A.1: My fancy algorithm

```
/* -*- Mode:C++; c-file-style:"gnu"; indent-tabs-mode:nil; -*- */  
  
#include <math.h>  
  
// this function returns a random value between 0 and 1 as double  
double GetRandVar (void) {  
    return double(std::rand()) / double(RAND_MAX);  
}
```