

## Re: The MASc thesis

Werner Dietl <[werner.dietl@uwaterloo.ca](mailto:werner.dietl@uwaterloo.ca)>

Tue 2022-01-18 9:27 PM

To: Yekta Demirci <[ydemirci@uwaterloo.ca](mailto:ydemirci@uwaterloo.ca)>

Hi Yekta,

I approve your thesis.

Best,  
cu, WMD.

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From: Yekta Demirci <[ydemirci@uwaterloo.ca](mailto:ydemirci@uwaterloo.ca)>

Sent: Tuesday, January 18, 2022 20:09

To: Werner Dietl

Subject: Re: The MASc thesis

Hi Professor Dietl,

Firstly, I am sorry for the late email. I have completed updating the thesis. Besides the corrections:

1. p43: I appended a runtime analysis of the implemented WRR algorithm.
2. p54: I fairly updated the experiment results, including new transmission time plots.
3. p68: The conclusion is fairly changed.

May I kindly ask if you would approve me sending this version of the thesis to EGSO (as the final version of the thesis)?

Kind regards,

Yekta

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From: Werner Dietl <[werner.dietl@uwaterloo.ca](mailto:werner.dietl@uwaterloo.ca)>

Sent: January 11, 2022 2:45 PM

To: Yekta Demirci <[ydemirci@uwaterloo.ca](mailto:ydemirci@uwaterloo.ca)>

Subject: Re: The MASc thesis

Hi Yekta,

You got the high-level bit of my comments from my questions and the discussion after the seminar: a clearer highlight of the contributions would be useful to see.

A few small details I noticed while going through your thesis:

- In the abstract it would be good to write out all abbreviations - it should be readable stand-alone. It uses RAN, VNO, PRB and a few others without spelling out.
- "We assume, the RAN infrastructure..." Is the comma needed?
- "State of The Art (SOA)" Here the "T" is capitalized, elsewhere the O.
- Last sentence: "better system throughput in overall however..." Is the "in" needed?

Maybe a comma before the "however".

- Maybe go through it with the writing center - I think usually a thesis is written in present tense, not past tense as you use in the abstract.

- p4: "network using in the emulation" odd wording

- In a few places you write "At the line x of Algorithm (1)" The "the" is a bit odd. Also, elsewhere you don't put the algorithm number in parenthesis.

- p14: "It is the RR-based algorithm given in 1. Should this be "Algorithm 1"? Or some other reference?

- p16: "The source codes are open-source and they are subject to change." It's not clear to me what the "subject to change" should mean. Is that a positive or a negative??

- p17: "Before setting up the AOI platform..." should that be OAI?

- Ubuntu versions follow the pattern YY.MM. So there is no Ubuntu 20, only 20.04 or 20.10.

- "By the time I am using:" isn't a complete sentence. Here you also start switching between "I" and "we".

- You sometimes use an italic font for things that would be better as code font/tt. For example, the "- - phy\_simulators" flag looks really ugly. Elsewhere you have menus where the -> also is very poorly laid out.

- I find the white text on black background command-line fragments rather ugly. As noted earlier, some of these details seem better for a user manual/tutorial than a thesis.

- p19: "I leave the link here https..." and "I couldn't manage to..." are odd sentences for a thesis.

- "By the time, I am using..." Odd wording.

- p20: "Configurition" should be "Configuration".

- "For the above SIM configuration..." should refer to Fig. 4.3"

- Some of the screenshots are really hard to read, at least on my black & white device. It would be much easier to just have the text in a figure.

- p22: Technically speaking... 256 UEs. However, ..." next paragraph: "Ideally speaking ... 256 UEs. However, ..." These four sentences say the same thing twice?

- p25: The code at the bottom shows just the cd commands and a comment for what to copy. Either also show the copy command or just describe it. Again, this seems like the wrong level of abstraction for a thesis.

- p35: "right after calibrate line" Odd line break after "after".

- p42: "the Algorithm given in 2 at..." the "in 2" is odd. Figure 2? Alg. 2?

- "Once the licensing concern is handled..." This is out of context, I have no idea what this is talking about.

- Code blocks that just say "Edit file" don't really add anything other than the file name.

- p53: "Figure 6.4 which is consistent with distribution given in Figure 6.2." Odd wording. Shouldn't this be 6.3?

- Figures 6.6 and 6.8 (maybe others) could use nicer LaTeX tables instead of ASCII art.

- p60: "a detailed configuration guides" and "to the slices which has less" Both sentences have mismatches between singular and plural.

I hope some of these comments are useful in preparing your final version.

Congratulations again!

cu, WMD.

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From: Yekta Demirci <ydemirci@uwaterloo.ca>

Sent: Monday, December 20, 2021 14:12

To: Werner Dietl

Cc: Mahesh Tripunitara; Catherine Rosenberg  
Subject: Re: The MASc thesis

Hi Professor Dietl,

Thank you very much for your reply.

Kind regards,

Yekta

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From: Werner Dietl <[werner.dietl@uwaterloo.ca](mailto:werner.dietl@uwaterloo.ca)>  
Sent: December 20, 2021 2:09 PM  
To: Yekta Demirci <[ydemirci@uwaterloo.ca](mailto:ydemirci@uwaterloo.ca)>  
Cc: Mahesh Tripunitara <[tripunit@uwaterloo.ca](mailto:tripunit@uwaterloo.ca)>; Catherine Rosenberg <[cath@uwaterloo.ca](mailto:cath@uwaterloo.ca)>  
Subject: Re: The MASc thesis

Hi Yekta,

I confirm receiving your thesis.

I can also make Jan. 11th at 11am for your seminar.

Best,  
cu, WMD.

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From: Yekta Demirci <[ydemirci@uwaterloo.ca](mailto:ydemirci@uwaterloo.ca)>  
Sent: Monday, December 20, 2021 13:58  
To: Werner Dietl  
Cc: Mahesh Tripunitara; Catherine Rosenberg  
Subject: The MASc thesis

Hi Professor Dietl,  
(Professor Mahesh and Professor Catherine are cc-ed)

I have attached my thesis to this email. Could you please acknowledge its receipt? Additionally, may I kindly ask if you would be available on the 11th of January 2022 (Tuesday) at 11 am for the master's seminar? If this is not convenient, could you please suggest another time that day?

Kind regards,

Yekta