



## Diploma Thesis Evaluation Form

Author: Giampaolo La Rosa

Title: The 5G Technology Nexus: Assessing Threats and Risks of Implementation

Programme/year: MISS 2020-2021

Author of Evaluation (supervisor/~~external assessor~~): Petr Špelda, Ph.D.

Criteria	Definition	Maximum	Points
<b>Major Criteria</b>			
	Research question, definition of objectives	<b>10</b>	10
	Theoretical/conceptual framework	<b>30</b>	25
	Methodology, analysis, argument	<b>40</b>	35
<i>Total</i>		<b>80</b>	70
<b>Minor Criteria</b>			
	Sources	<b>10</b>	8
	Style	<b>5</b>	4
	Formal requirements	<b>5</b>	3
<i>Total</i>		<b>20</b>	15
<b>TOTAL</b>		<b>100</b>	85



## Evaluation

### Major criteria:

The dissertation asks about the role and impacts of 5G in the critical information infrastructure contexts. Currently, 5G is at the centre of a multitude of geopolitical debates, yet a comparatively small number of works deals with the actual threat landscape, stemming from the technology itself. When it comes to describing how 5G functions and in which ways it improves previous networking technologies, the presented research succeeds to paint quite a digestible and, more importantly, correct picture. The assessment of threats in the critical information infrastructure context is intuitive and works well, even if there is not a conceptually and methodologically grounded framework. The concluding recommendations show that the author understood and assessed the threat landscape well, which allowed him to produce a list of relevant techno-policy insights. Those are interesting, especially considering the current dominance of geopolitical themes in 5G debates, and remain valuable for accommodating institutional, technological, and policy levels.

### Minor criteria:

From the formal point of view, there are minor language and editing issues. Apart from that the dissertation fulfils the prescribed criteria.

### Overall evaluation:

In sum, even though there are conceptual and methodological deficiencies, the dissertation offers a multi-level view on the 5G security landscape and succeeds to paint a rather persuasive picture.



**FACULTY  
OF SOCIAL SCIENCES**  
Charles University

Suggested grade:

B

Signature

*Peter Spelder*