

IMSIS Dissertation Feedback & Mark Sheet

Student Matriculation No.	Glasgow 2395737 DCU 18114504 Charles 35521647
Dissertation Title	Quantum Technology and its influence in Global Power Politics

INDIVIDUAL INSTITUTION GRADING

Reviewer 1 Initial Grade Select from drop down list	Reviewer 2 Initial Grade Select from drop down list	Late Submission Penalty no penalty
Word Count Penalty (1-15% over/under = 1gr point; 15-20% over/under = 2 gr points; 20-25% over/under = 3 gr points; more than 25% over/under = 0 fail)		
Word Count: 21,477 Suggested Penalty: no penalty		

JOINT GRADING (subject to agreement of the external examiner and approval at Joint Exam Board)

Final Agreed Mark. (Following correspondence reviewers should list the agreed final internal grade taking before and after any penalties to be applied).

Before Penalty: A4 [19] **After Penalty:** A4 [19]

DISSERTATION FEEDBACK

Assessment Criteria	Rating
A. Structure and Development of Answer	
This refers to your organisational skills and ability to construct an argument in a coherent and original manner	
• <i>Originality of topic</i>	Excellent
• <i>Coherent set of research questions and/or hypothesis identified</i>	Very Good
• <i>Appropriate methodology and evidence of effective organisation of work</i>	Excellent
• <i>Logically structured argument and flow of ideas reflecting research questions</i>	Very Good
• <i>Application of theory and/or concepts</i>	Excellent
B. Use of Source Material	
This refers to your skills to select and use relevant information and data in a correct manner	
• <i>Evidence of reading and review of published literature</i>	Excellent
• <i>Selection of relevant primary and/or secondary evidence to support argument</i>	Very Good
• <i>Critical analysis and evaluation of evidence</i>	Very Good
• <i>Accuracy of factual data</i>	Excellent
C. Academic Style	
This refers to your ability to write in a formal academic manner	
• <i>Appropriate formal and clear writing style</i>	Excellent
• <i>Accurate spelling, grammar and punctuation</i>	Excellent
• <i>Consistent and accurate referencing (including complete bibliography)</i>	Excellent
• <i>Is the dissertation free from plagiarism?</i>	Yes
• <i>Evidence of ethics approval included (if required based on methodology)</i>	Not required
• <i>Appropriate word count</i>	Yes

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ADDITIONAL WRITTEN COMMENTS

Reviewer 1

The student provides us with a very interesting dissertation that explores the relationship of quantum technology between what it defines as three global powers - China, USA and EU. The justification of the cases could have been explored more fully, especially the EU, considering it is not a traditional actor in the same way as the USA or China and is working to promote QT uptake across its member states. Therefore, the extent to which member states' use of QT reflects EU positions and vice versa could have been explored more fully in the findings section. However, the findings section does show us that the EU does have global ambitions, evidenced through the relevant position papers used in the dissertation. Generally, the dissertation is very well written with a high level of English. However, the research question would read better as "How might advancements in quantum technology influence power politics in the foreseeable future?" . Overall, the dissertation is well structured, and the argumentation is easy to follow. The engagement with literature is strong and chapter 2 presents a solid discussion of key themes and overall state of the art. The singular weakness of the dissertation though is that there was limited comparison of the three cases, drawing out how they directly impact on each other on the global stage, and considering the question this is a bit of a shortcoming. However, there is no doubt that the student has presented us with a quality paper that is engaging, original, empirically driven and readable.

Reviewer 2

This dissertation sets out to explore the influence of quantum technology (QT) on the relationship between China, the United States and the European Union. The dissertation focuses on a set of emerging technologies and their impact on geopolitical relationships. In doing so, it represents a relatively novel topic of study and presents a persuasive rationale for the research, situated at the interface of technology and the socio-political power relations that shape its use. The study is well-situated in existing research and demonstrates an impressive command of relevant theoretical and empirical material, as well as considerable skill in critically evaluating and distilling key points of divergence, consensus and remaining gaps. There is a clear discussion of research design and statement of both the overall methodological approach and a number of key components (source selection, coding strategy, etc). The empirical analysis is logically structured and well-presented overall to scaffold a persuasive argument. However, greater selectivity in the use of visuals may have helped the reader better prioritise the information and analysis these were intended to convey. Analytically, the author presents a strong evidence of the causes of QT adoption among the major powers, although relatively less attention is paid to the influence of its adoption on global power relations, meaning the full ambition set out in the dissertation is not entirely realised. The discussion on potential implications and future trajectories could have been enriched by drawing more on insights from broader geopolitical studies - beyond the realm of technology alone - later in the thesis. The dissertation is clearly written and logically structured.