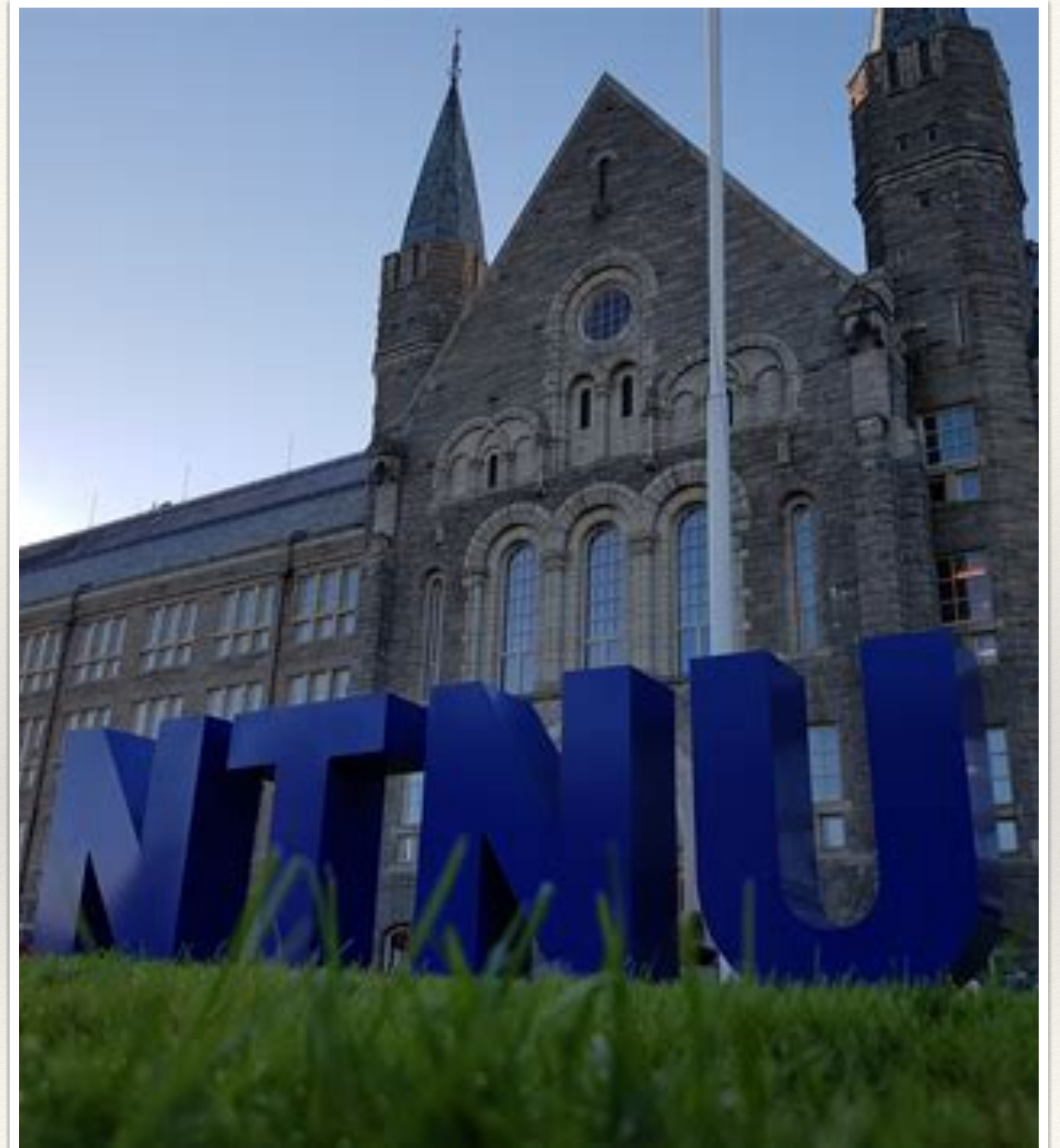


AI Master Class, 30/10/2023

CSSC – Work to do

Anders Kofod-Petersen
Professor, NTNU
Founder & CEO, PiedBoeuf & OptikosPrime



Overview of the Master Class, 2023

- ❖ ~~04/09/2023 — Introduction and how to do research questions~~
- ❖ ~~18/09/2023 — Doing structured literature reviews and how to read and write a research paper~~
- ❖ ~~02/10/2023 — How to write a thesis~~
- ❖ ~~16/10/2023 — Using HPC at NTNU and Reproducibility~~
- ❖ 30/10/2023 — CSSC and How to do quantitative empirical research
- ❖ 13/11/2023 — Sustainability in AI
- ❖ 08/12/2023 — CSSC

Look at the clever webpage

Computer Science Student Conference

- ❖ **December 8th, 2023**
 - ❖ You need to submit an extended abstract covering your fall project / Master project (4-8 pages)
 - ❖ You need to read and review 3 papers
 - ❖ You need to present your work orally at the conference
 - ❖ You need to ask (intelligent) questions to the presenters

Extended Abstract

- ❖ Covers your fall project
- ❖ Contains all that is required for the reader to understand and judge your work
- ❖ Can also contain proposed work for your Master
- ❖ Keep it short
- ❖ Remember everything we have learned:
 - ❖ We do science!

Very cool paper for CSSC 2023

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Abstract. An abstract

Keywords: First, · section · third

1 Introduction

An introduction to the topic and this work. Oh, and read [1]!

2 Methods

The methods of choice.

3 Results and Discussion

What are the results and are they any good?

4 Conclusion

What are the conclusions and are there any future works?

Acknowledgements

References

1. Mary Shaw. Writing good software engineering research papers. In *Proceedings of the 25th International Conference on Software Engineering*, pages 726–736. IEEE Computer Society, 2003.

Reviewing (quality a la SLR)

Question type	Description	Scale	Score
QC 1	There is a clear statement of the aim of the research		
	Are the objectives clear and understandable?	1 - 3	
QC 2	The study is put into context of other studies and research		
	Is there a thorough disciplinary grounding?	1 - 5	
	Is the theoretical insight sound?	1 - 7	
	Are the (expected) contributions clear?	1 - 5	
QC 3 (optional)	Are system or algorithmic design decisions justified?		
	Is the analysis scientifically grounded and clearly linked to the aim of the research?	1 - 10	
QC 6 (optional)	Is the experimental procedure thoroughly explained and reproducible?		
	How are the results described?	1 - 10	
QC 7 (optional)	Is it clearly stated in the study which other algorithms the study's algorithm(s) have been compared with?		
	Is there a reasonable assessment of the significance of the results?	1 - 5	
	Are contributions clearly separated from others' contributions?	1 - 5	

Reviewing (content)

Question type	Description	Scale	Score
QC 1	There is a clear statement of the aim of the research		
	Are the objectives clear and understandable?	1 - 3	
QC 2	The study is put into context of other studies and research		
	Is there a thorough disciplinary grounding?	1 - 5	
	Is the theoretical insight sound?	1 - 7	
	Are the (expected) contributions clear?	1 - 5	

Reviewing (summary)

- ❖ Write a short summary of the paper
- ❖ Write out any specific suggestions or corrections to the authors
- ❖ (Write out any specific comments to the chairs)

News from the chairs

