



NTNU – Trondheim
Norwegian University of
Science and Technology

TDT24 Kick-off
Autumn 2024

Parallel environments and numerical computing

- Presumably, you have chosen this subject because it's relevant to your TDT4501 project
- We will try to lean into that, and make it useful
- We will also squeeze in some practice with academic pursuits, specifically
 - Writing
 - Presentation



What we're going to do

- I will speak about some selected topics from numerical computing for 3 weeks
- Afterwards, you will speak about some selected topics at a rate of 2 presentations per week, for 8 weeks (more or less)

What you need to do

- Pick 5 papers that are somehow related to numerical computing and/or parallel environments
 - PROTIP: choose some that are relevant to your project, so you would want to read them anyway
- Pick 1 favorite paper for a ~20min presentation, and prepare one
- Write a 4-page survey of your selected literature
 - I'll distribute a LaTeX template for the paper format
- Be prepared to have a brief discussion about your survey at some point in December
 - The exact timing of this is a little wobbly, but I'll keep you posted

Things we need to determine collectively

- When can we schedule these meetings?
- How do we stay in touch along the way?
- Who wants to present when?



Evaluation

- Think of the survey paper as your primary product of the season
 - If you do it well, you may be able to recycle some of its points as background material in your project and/or thesis
 - The purpose of an oral exam will mainly be to verify that you wrote it yourself
 - I don't really doubt that, but I don't get to choose whether to hold exams or not

