

CAREER: Deterministic Shared Memory Multiprocessing: Vision, Architecture and Impact on Programmability

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- Start thinking about it early
 - Simple notes here and there go a long way
- Talk to as many people as you can
 - This will help you refine how you “sell” it
 - Start discussing related ideas in conferences
 - You might be talking to a potential reviewer
- Topic:
 - The newer the better, obviously
 - But make sure you have track record in the general area
 - It is ok (and perhaps good) to be related to your thesis, since it will be clear you can make progress towards it
- Scope:
 - Broad but feasible, high potential impact but never forget that it has to be believable that you can do it in 5 years.

Teaching

- Much more important than I could have anticipated
- No need to change the world in teaching (research is the focus), but say something meaningful
- Show that you did homework
 - Find papers on teachings things related to the subject of research
 - Think about way how tools/method you develop in research can help teaching
- Perhaps try to mention K-12 in a non-trivial way 😊
- My case:
 - Finding ways of better teaching parallel programming

My timeline

- Thought about it in the background for about 3-4 months
- 6 weeks ahead started heavy lifting of writing
- Had a complete draft 2 weeks before deadline
 - Give to people to read it, get feedback but be careful not to get an overwhelming amount
- Consider hiring professional editor
 - Helps make sure the text is smooth and clean
 - Best \$ I spent that year, since not only it helped with the document a lot, I also learned quite a bit
- Ah, I spent a *lot* of time in the summary