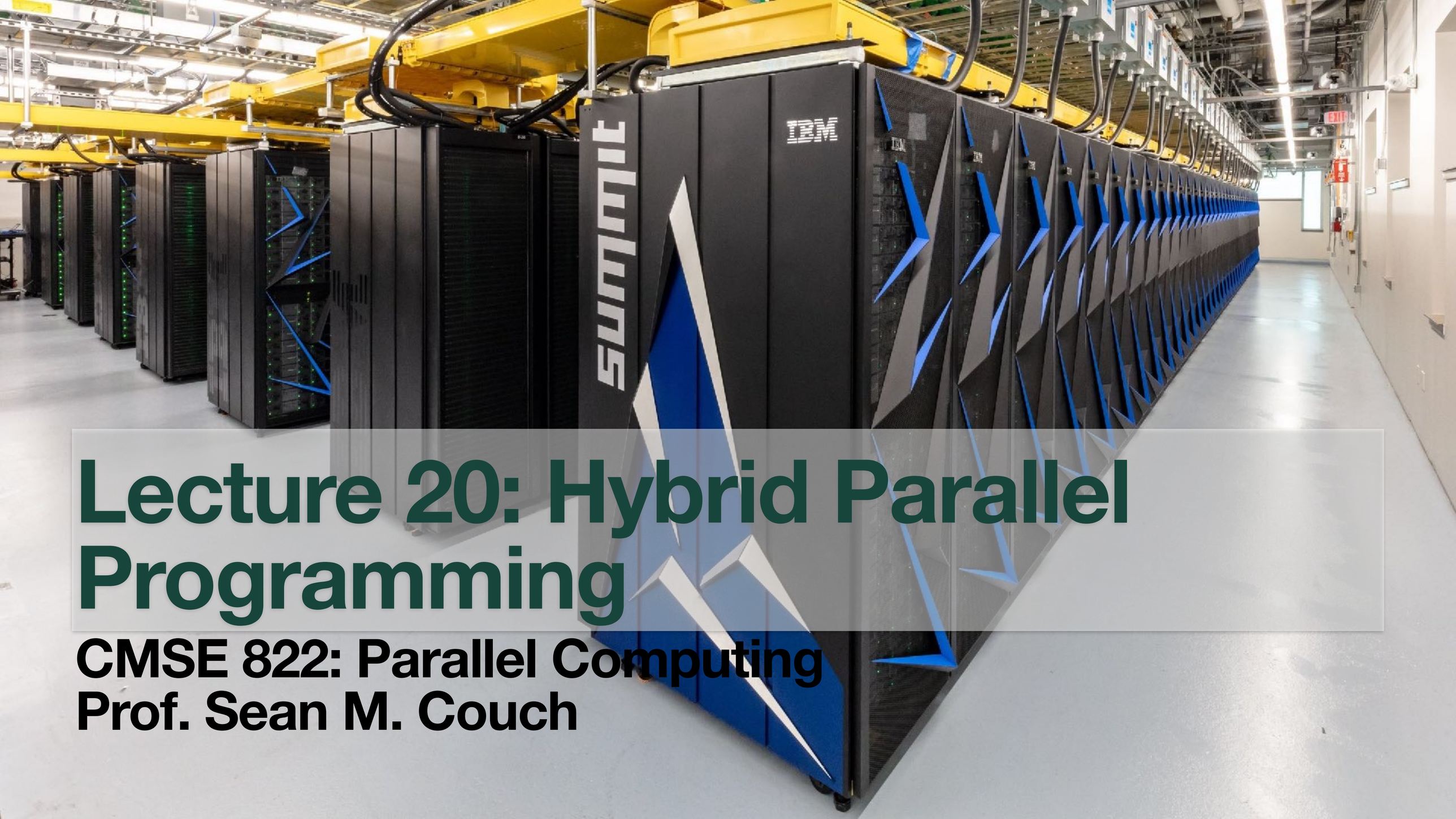


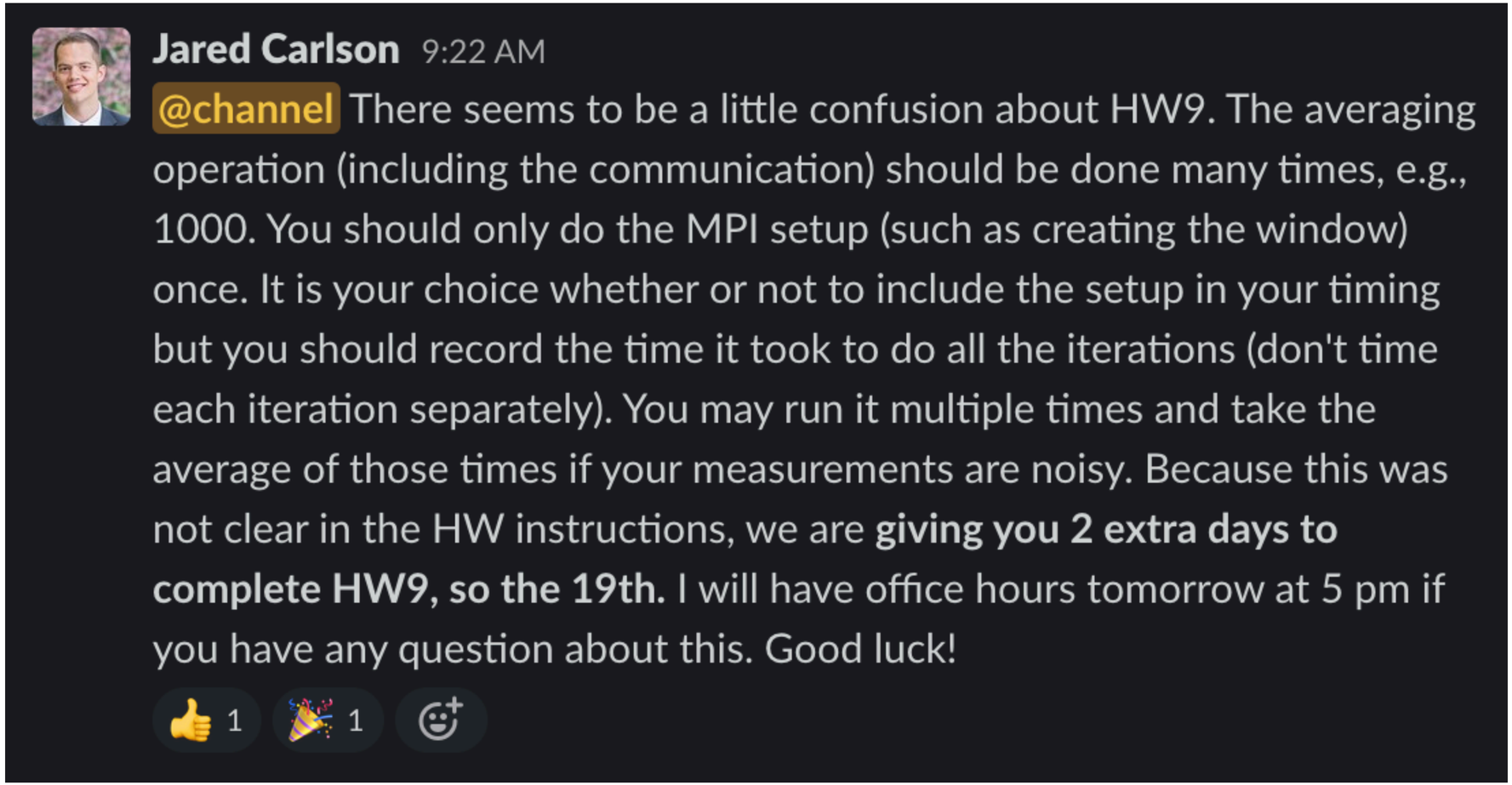
Lecture 20: Hybrid Parallel Programming

CMSE 822: Parallel Computing

Prof. Sean M. Couch

Puppy time!

HW9 and Noise



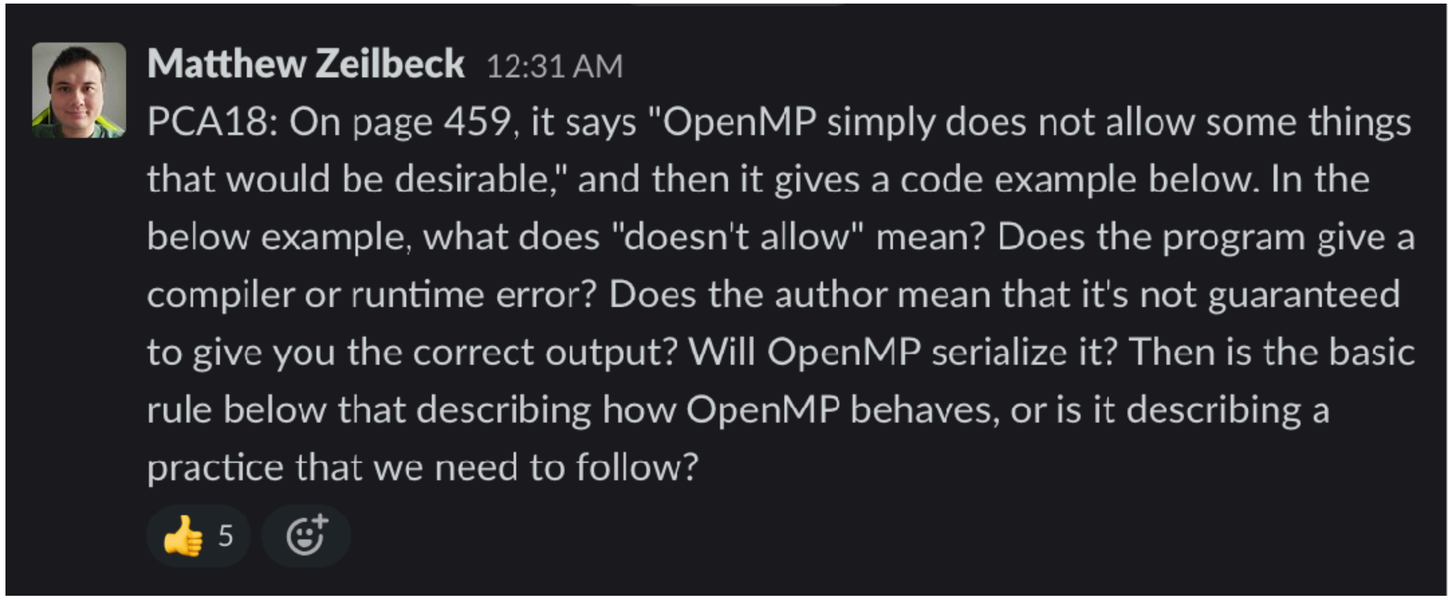
Plan for rest of the semester

- Hybrid parallelism
- OpenMP SIMD (Thursday)
- GPUs
- The End!

Hybrid Parallelism with MPI

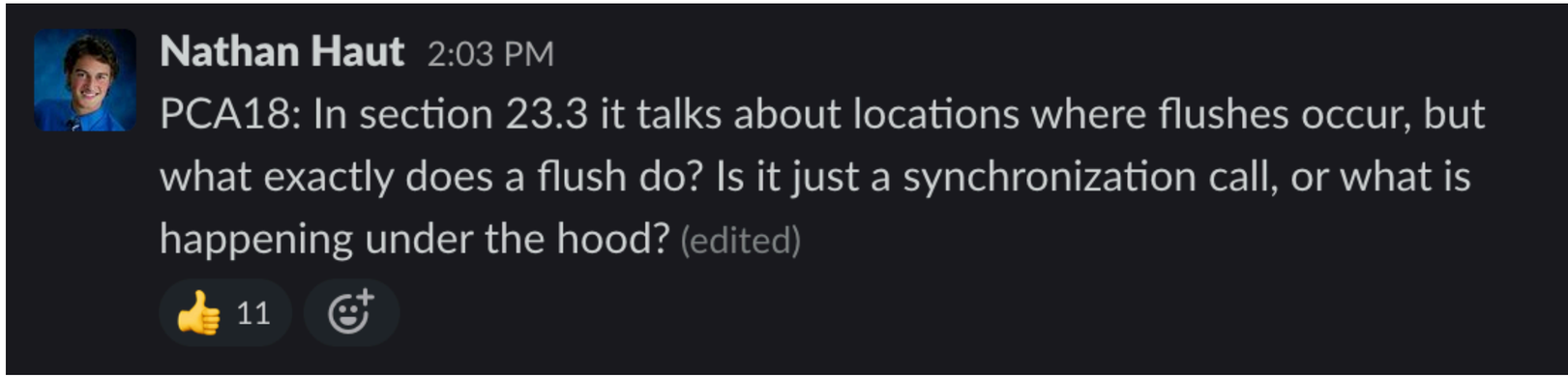
- Slides from Bill Gropp:

PCA Questions



- All of the above?

PCA Questions



- Flush means “memory synchronization”
  - really: transfer from local, temporary storage to global, permanent storage

In-class Exercise!

- Nothing to turn in!