Live Lecture Chat Window
Monday, April 11, 2022

14:33:17 From Bailey, Mike to Everyone: If you list Skill Sets on your resume, here is what you should list from this class:

- **OpenMP**
- **CPU SIMD**
- **CUDA**
- **OpenCL**
- **MPI (Message Passing Interface)**

14:43:32 For project 1, do we just need to find 1 to max thread for parallel fraction?

Yes, you only need to report one Fp.

14:46:34 Main Memory refers to RAM, right?

Yes.

14:52:57: When we say a computer is 64 bit, is that because a cache line is typically just 64 bytes?

No, the 64-bit computers have 64-bit memory address pointers. It is just a coincidence that this is the same number as the number of bytes in a cache line.

15:52:34 Are there ways to handle false sharing in higher-level languages where you don't manage memory yourself?

I don't know, but I would guess that if we did the same experiment in another programming language that we would get the same results.

15:54:30: Is it your preference that we use the rabbit server?

You will get more consistent numbers on rabbit than you will get from flip.

We found two people today who had copied the numbers from the Project #1 min-max table incorrectly and one who forgot to turn degrees to radians. Be careful!