**EECS 739**

**Directions for Submitting Parallel Jobs to SLURM Cluster at ITTC:**

**1. This only applies to students who wish to log onto ITTC machines from OFF CAMPUS. (Please skip Step 1 when connecting to ITTC machines from ON CAMPUS.)**

**For graduate students logging into ITTC machines from OFF CAMPUS,** you must first connect via the VPN. See the figures below.

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**Note: This screenshot is out-of-date. The use of VPN now requires the use of Duo Mobile.**

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Due to KU policy, **undergrads** are NOT given access to VPN. When connecting to ITTC machines from **OFF CAMPUS**, you must first login to the EECS cycle servers. If you need help with this, please see me.

2. FTP files to login1.ittc.ku.edu. **[When connecting from ON CAMPUS, start here.]**

If you need help with this, please see me. (The directions are different depending on whether you are FTPing files from a linux machine or a Windows machine.)

3. SSH to login1.ittc.ku.edu. (The figure below shows how to do this from a Windows machine.)



4. (You are on the login1 node now.) srun -p intel -c 4 –mem 4G –pty /bin/bash

5. (On a compute node such as n097 now.) n097: module load OpenMPI

6. n097: Change to the directory with your code. Use the cd command.

7. n097: Compile your MPI and C/C++ code: mpic++ -o mpi\_send\_recv\_1 mpi\_send\_recv1.c

8. n097: Submit your job to the queue: sbatch shontz-parallel.sbatch