

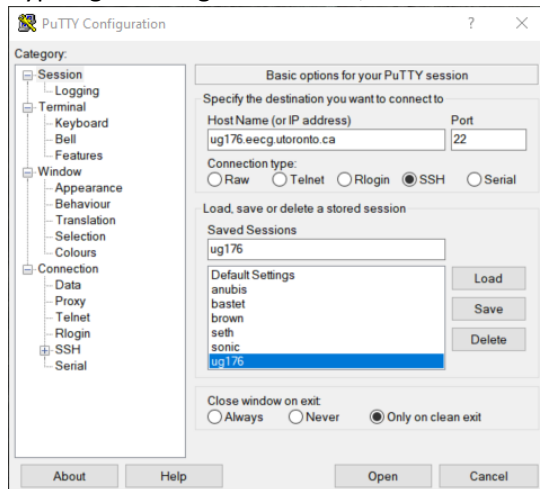
# Launching Cadence ST65nm

## Remote Access

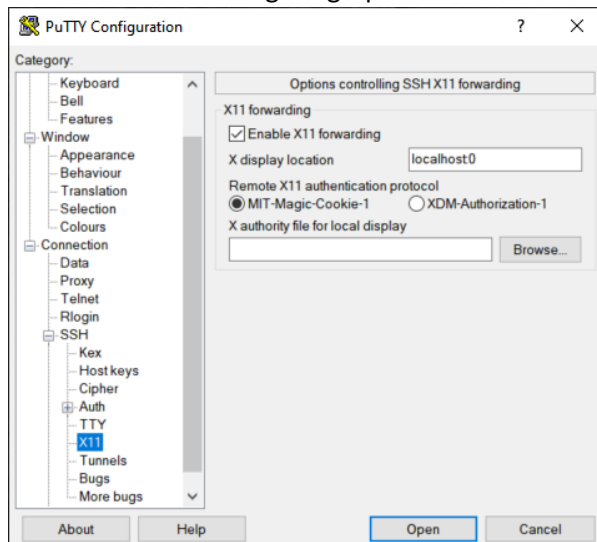
For remote access to the undergraduate (UG) machines, please read [here](#) and **carefully** the instructions posted on [Quercus](#).

The following steps show my own PUTTY setup for remote access:

1. Type ugXXX.eecg.utoronto.ca, where XXX is between 132-180 and 201-249



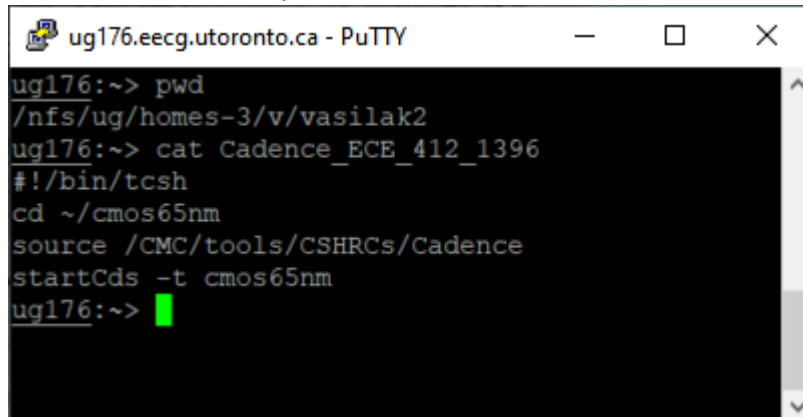
2. Enable X11 forwarding for graphics:



3. Click Open and type in your UoT credentials.
4. Launch Xming for GUI display. It can be downloaded from [here](#).
5. Follow Jaro's instructions on: [https://q.utoronto.ca/courses/133653/pages/instruction-on-how-to-start-analog-artist-with-the-cmos65-design-kit?module\\_item\\_id=1088116](https://q.utoronto.ca/courses/133653/pages/instruction-on-how-to-start-analog-artist-with-the-cmos65-design-kit?module_item_id=1088116)
6. Descend (by using command `cd`) into your cmos65nm directory and type the following two commands:

```
source /CMC/tools/CSHRCs/Cadence
startCds -t cmos65nm
```

7. For your convenience you can create a script like the one shown below instead of typing the above commands every time:

A screenshot of a PuTTY terminal window titled "ug176.eecg.utoronto.ca - PuTTY". The terminal shows a user named "ug176" at a prompt "~>". The user enters "pwd", and the output is "/nfs/ug/homes-3/v/vasilak2". Then, the user enters "cat Cadence\_ECE\_412\_1396", and the terminal displays the contents of the file: "#!/bin/tcsh", "cd ~/cmos65nm", "source /CMC/tools/CSHRCs/Cadence", and "startCds -t cmos65nm". The prompt returns to "~>" with a green cursor. The terminal window has standard PuTTY window controls (minimize, maximize, close) and a scrollbar on the right.

```
ug176.eecg.utoronto.ca - PuTTY
ug176:~> pwd
/nfs/ug/homes-3/v/vasilak2
ug176:~> cat Cadence_ECE_412_1396
#!/bin/tcsh
cd ~/cmos65nm
source /CMC/tools/CSHRCs/Cadence
startCds -t cmos65nm
ug176:~> █
```