## **Using the SCC Cluster**

This lecture is given by Katia Bulekova, Manager of Scientific Programming & Applications, Research Computing Services, IS&T at Boston University. This lecture is meant to give you some exposure on how a cluster is used to run jobs. Here are some helpful links that supplement the video lecture:

Linux cheat sheet (for SCC users): http://scv.bu.edu/documents/Linux\_SCC\_CheatSheet.pdf

SCC cheat sheet: http://scv.bu.edu/documents/SCC\_CheatSheet.pdf

SCC OnDemand environment: <a href="http://www.bu.edu/tech/support/research/system-usage/scc-ondemand/">http://www.bu.edu/tech/support/research/system-usage/scc-ondemand/</a>

SCC docs about running jobs: <a href="http://www.bu.edu/tech/support/research/system-usage/running-jobs/">http://www.bu.edu/tech/support/research/system-usage/running-jobs/</a>

An example of tensorflow code for running on the SCC: http://rcs.bu.edu/examples/ML/tensorflow/test\_tensorflow.py

The above example includes a few lines of code that will be useful for SCC users:

More info can be found on the parent webpage (though we have not yet updated it with a newer tensorflow version):

http://rcs.bu.edu/examples/ML/tensorflow/

An example of running a python notebook through the batch system (in non-interactive way):  $\underline{\text{http://rcs.bu.edu/examples/ML/batch\_notebook/}}$