

<Gibbs>

1. High performance desktop for Sergej's team (in 2021)
2. IP address: 203.247.189.173
3. Specification
 - CPU: Intel Xeon Gold 5120, 19.25 MB Cache, 2.2 GHz, 28 Cores
 - Memory: 512GB RDIMM (32GB * 16ea)
 - OS: Ubuntu 18.04
 - Disk information: 64TB HDD storage
4. How to access and use

You can access to Gibbs by the command as below.

\$ ssh -XCY -p 4022 username@gibbs.ibs.re.kr

Applications installed are as below.

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-----  Installed Programs or Libraries  -----  
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Julia 0.7.0

gcc 7.4.0

MATLAB R2022a, Mathematica 12.2

Python 3.7.9 3.8.9 3.9.6 (2022-05-25 update)

ex> module avail && module load python/3.6.9, python/3.7.9, python/3.8.9, python/3.9.6

ex> module swap python/3.9.6 python/3.8.9

ex> module purge && module load python/3.7.9

\$ module load python/3.9.6

\$ pip3 -V

pip 22.1.1 from /opt/python3/3.9.6/lib/python3.9/site-packages/pip (python 3.9)

\$ pip3 list

Package	Version
cvxopt	1.3.0
cycler	0.11.0
Cython	0.29.30
fonttools	4.33.3
gsl	0.0.3
h5py	3.7.0
kiwisolver	1.4.2
kwant	1.4.3
matplotlib	3.5.2
mpmath	1.2.1
networkx	2.8.2
numpy	1.22.4

packaging	21.3
Pillow	9.1.1
pip	22.1.1
pyparsing	3.0.9
python-dateutil	2.8.2
qutip	4.7.0
scipy	1.8.1
setuptools	56.0.0
six	1.16.0
sympy	1.10.1
tinyarray	1.2.4
