

LG-Stellarium user manual

Google Drive folder:

<https://drive.google.com/drive/folders/1VDw5lwrXW53fm6egQN9WcDyFOzM7Xwzv?usp=sharing>

Steps to set up

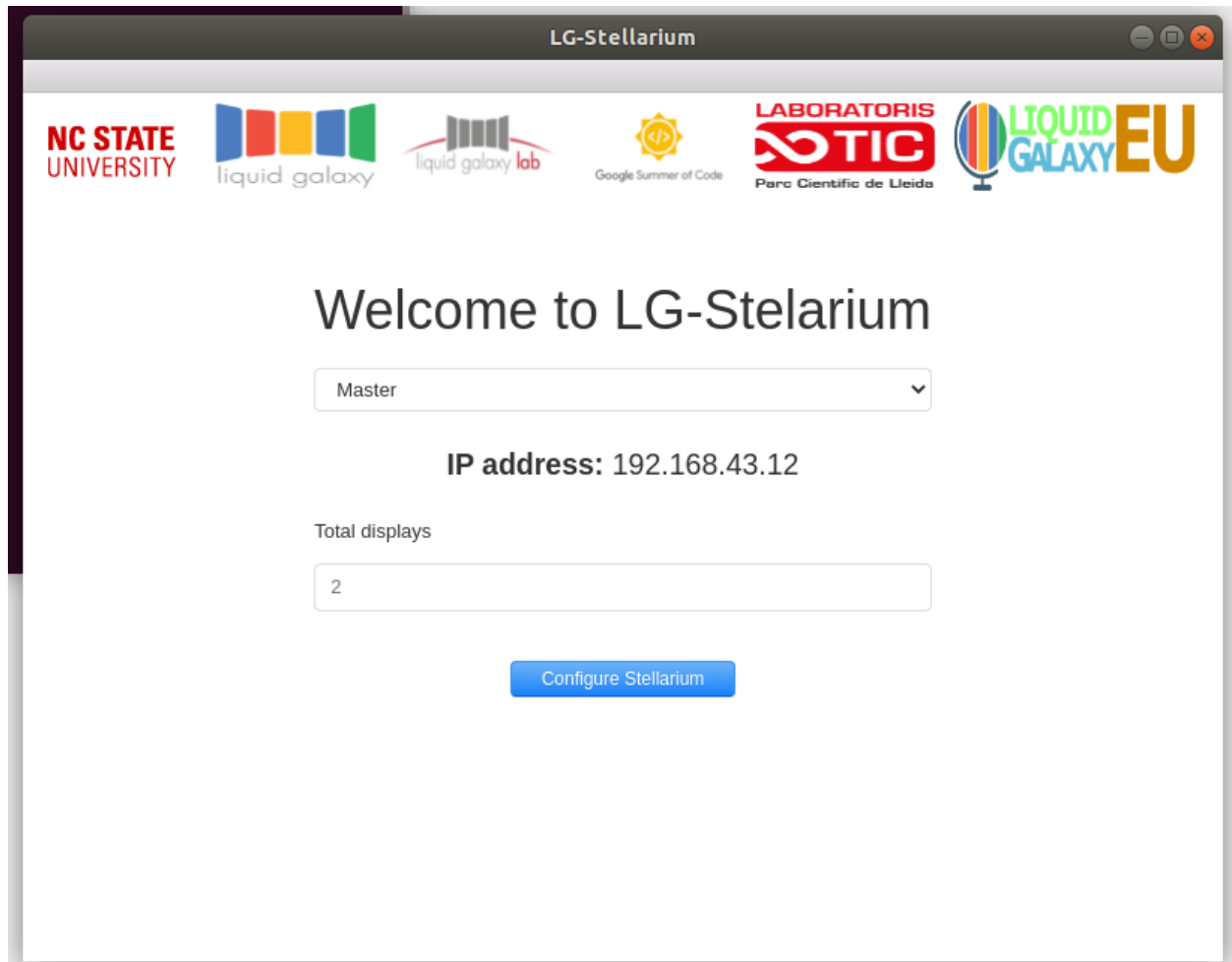
- **System:** 1 master and rest slaves.
- All PCs should be on linux based OS.
- Make the middle PC as master.
- All PCs should be on same network

Perform following steps on all PCs.

1. Download Stellarium .deb file from google drive (file name: Stellarium-0.20.4-Linux.deb) and install it
2. Change display size:
 - a. Open terminal and go to root directory
 - b. Run: `cd .stellarium/`
 - c. Run: `sudo gedit config.ini`
 - d. Search `screen_h` and replace its value by current display's vertical resolution
 - e. Search `screen_w` and replace its value by current display's horizontal resolution
 - f. Save and close file
3. Try to run Stellarium(just to make sure it's installed properly), close it after testing.
4. Copy Stellarium-Application folder from google drive (file name: LG-Stellarium-linux-x64)
5. Open that folder in terminal and run `./LG-Stellarium` command to launch the desktop application

Perform this on Master PC (do this part before moving to slave):

1. Select Master and fill in total number of displays
2. Click on configure Stellarium



LG-Stellarium

NC STATE UNIVERSITY liquid galaxy liquid galaxy lab Google Summer of Code LABORATORIS OTIC Parc Científic de Lleida LIQUID GALAXY EU

Welcome to LG-Stellarium

Master

IP address: 192.168.43.12

Total displays

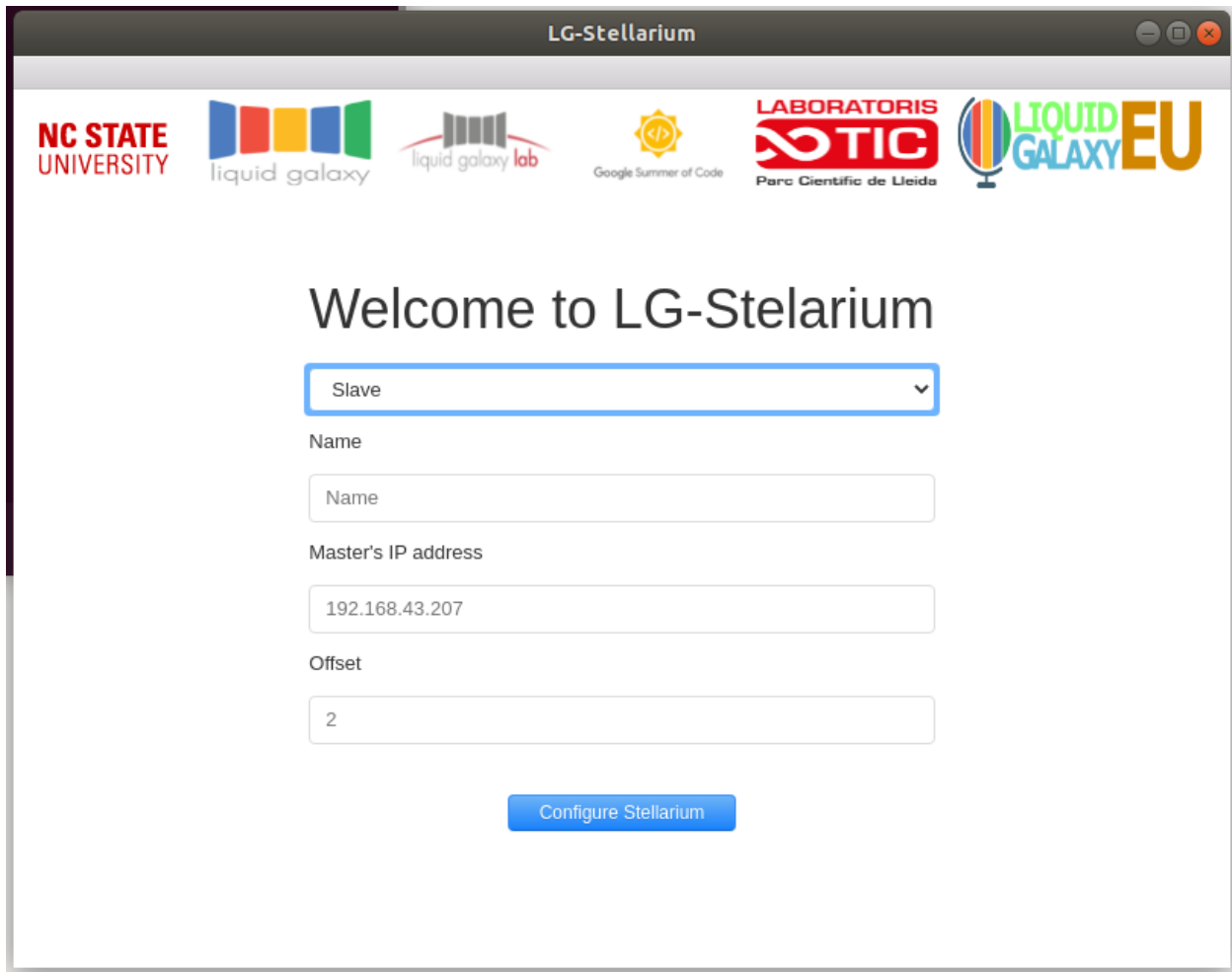
2

Configure Stellarium

Perform this on Slave PCs (do this part after configuring master):

1. Select slave and fill in details

- *Name*: You can name anything, it's just for your reference
- *Offset*: Unit distance from master (-1, -2.. If slave is on left side; 1, 2.. If slave is on right side)
- *Master's IP address*: It will be displayed on application running on master PC (or you can even check it by running ifconfig command on terminal on master PC)



LG-Stellarium

NC STATE UNIVERSITY liquid galaxy liquid galaxy lab Google Summer of Code LABORATORIS OTIC Parc Científic de Lleida LIQUID GALAXY EU

Welcome to LG-Stellarium

Slave

Name

Name

Master's IP address

192.168.43.207

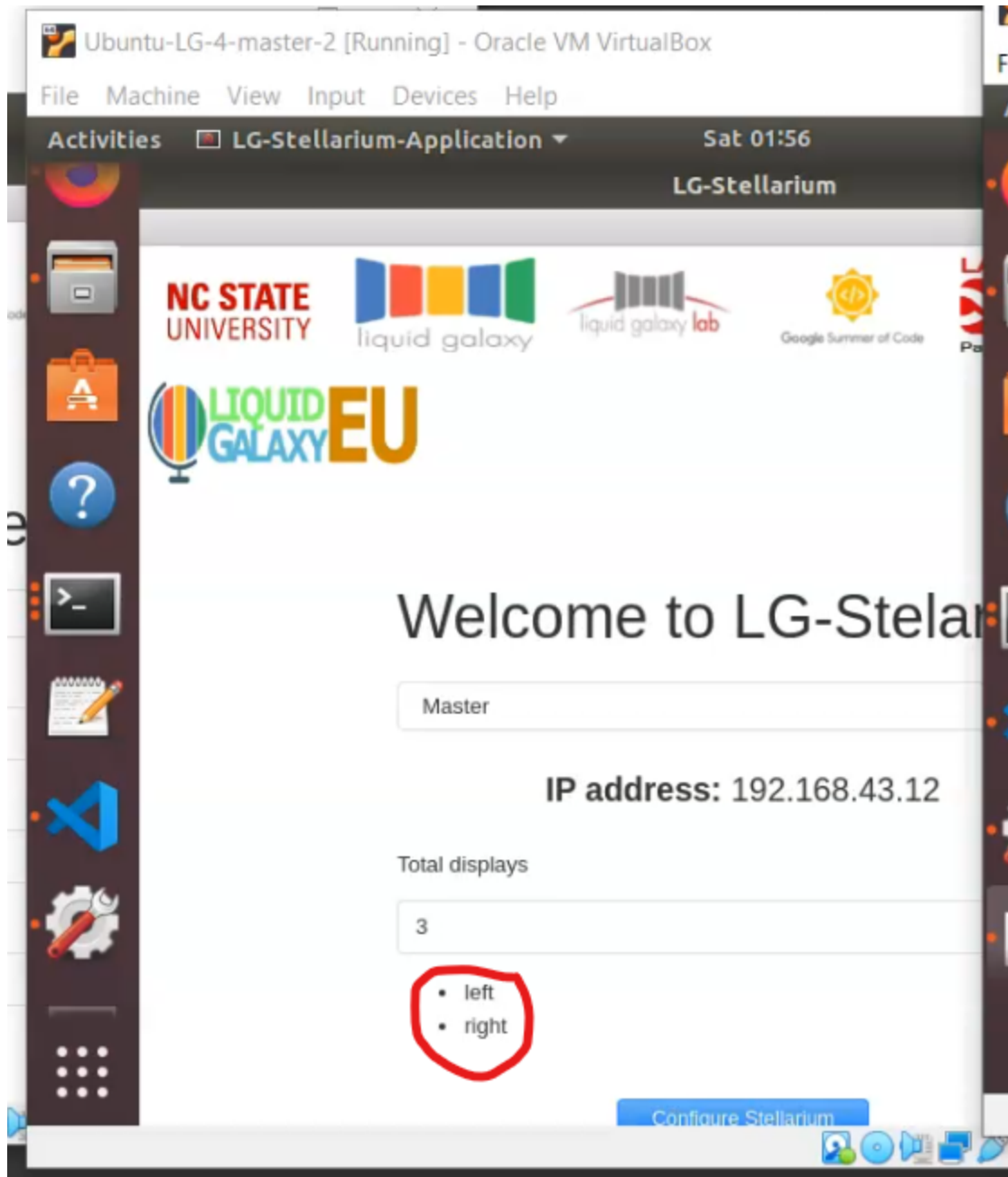
Offset

2

Configure Stellarium

2. Click on configure Stellarium

- After clicking, name of the current PC should be displayed on master.
- Once all slaves are configured it should automatically launch Stellarium in all displays.



Video link:

https://drive.google.com/file/d/1B0EOBjbrREK_TEL3BebgPhpf6sPKHAp0/view?usp=sharing

Email id: mghinaiya@gmail.com