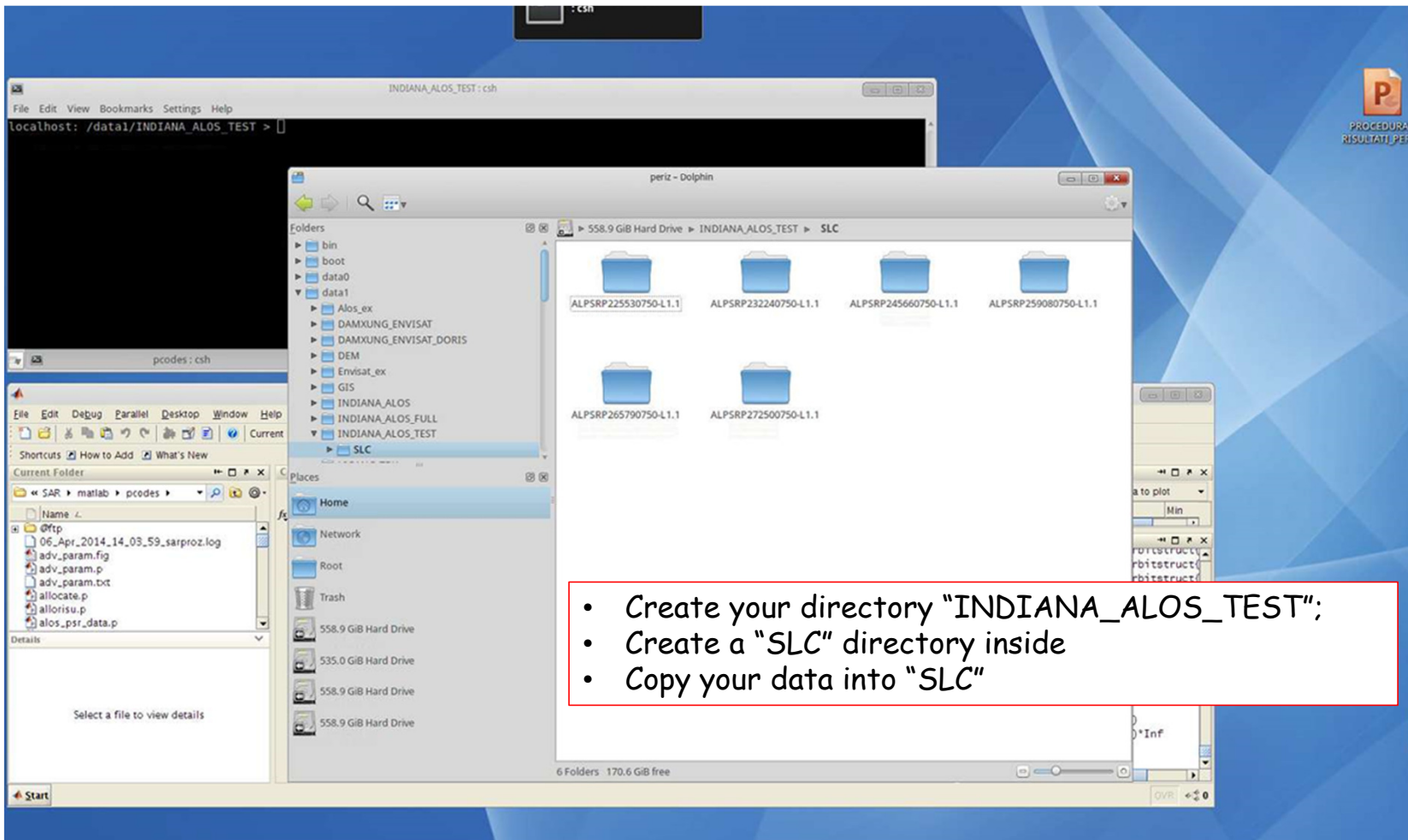
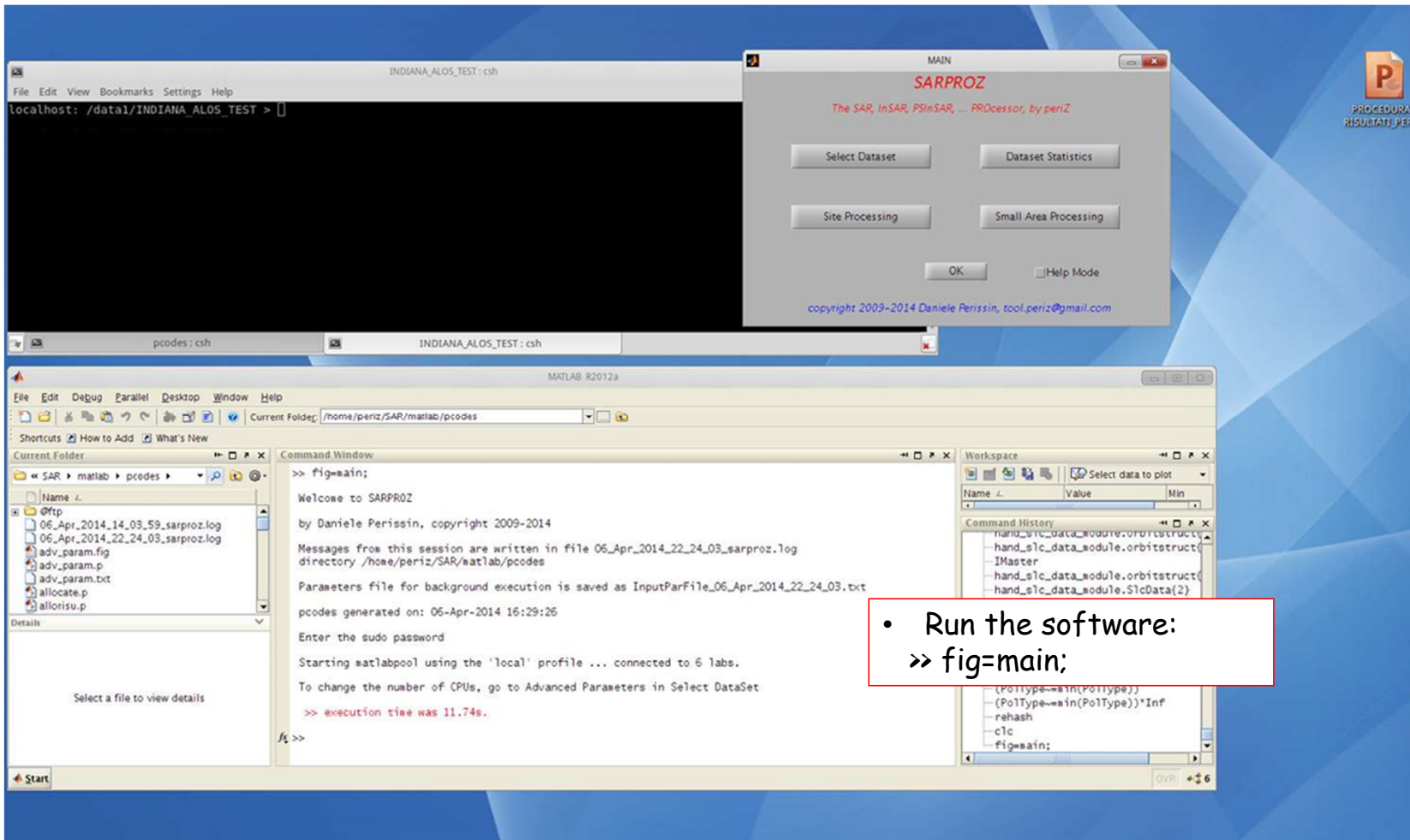
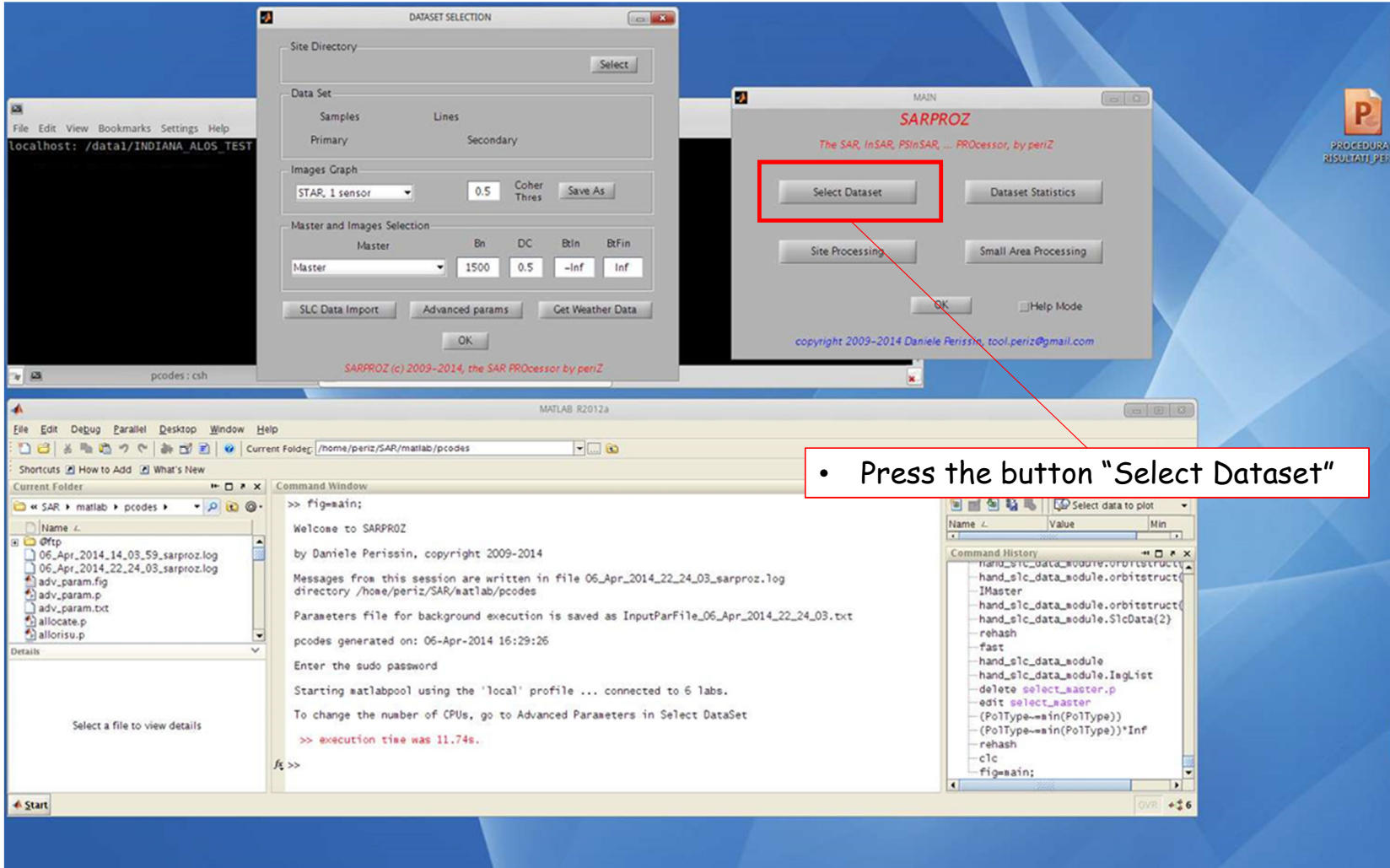


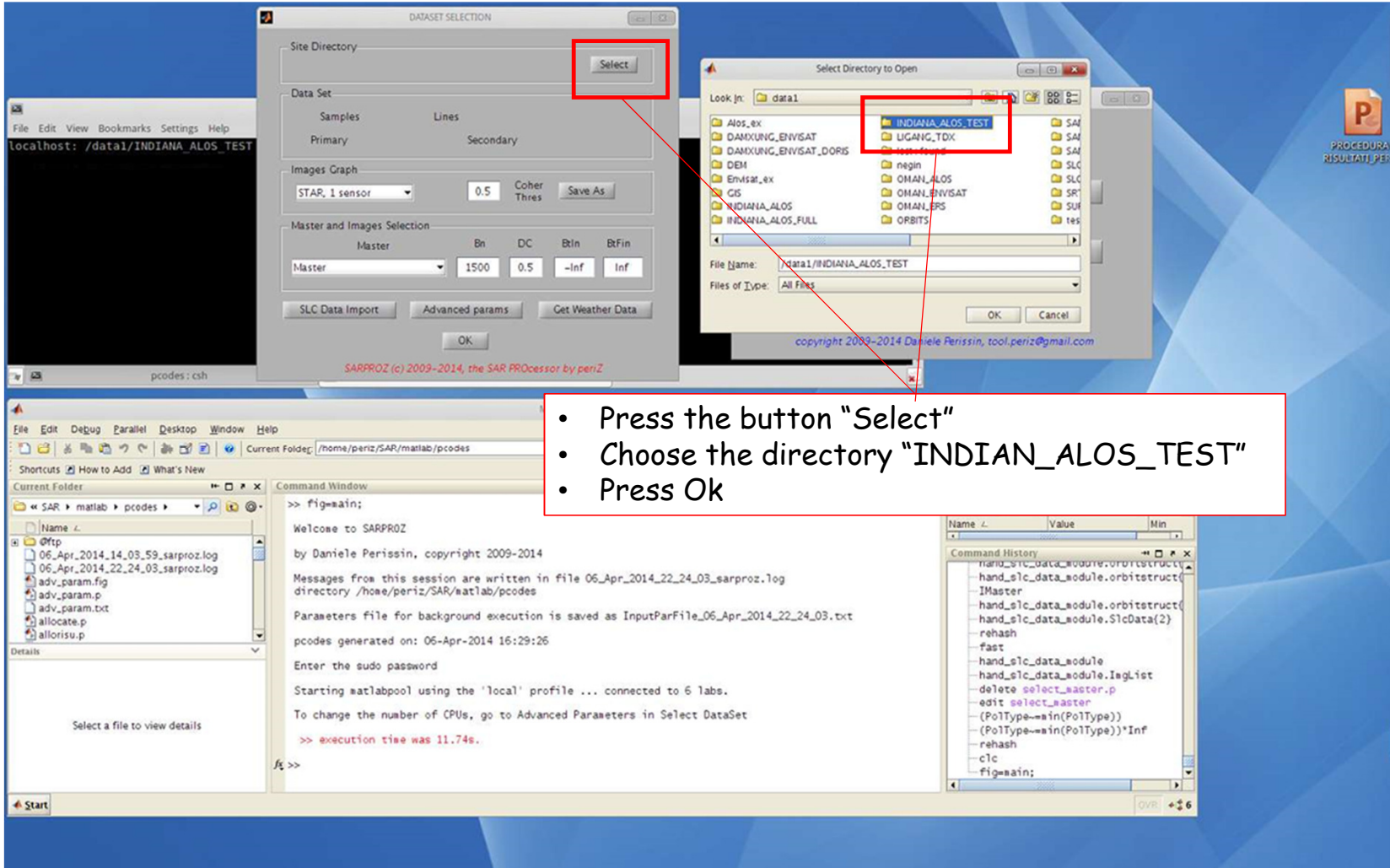
## **Importing SLC images in Sarproz**



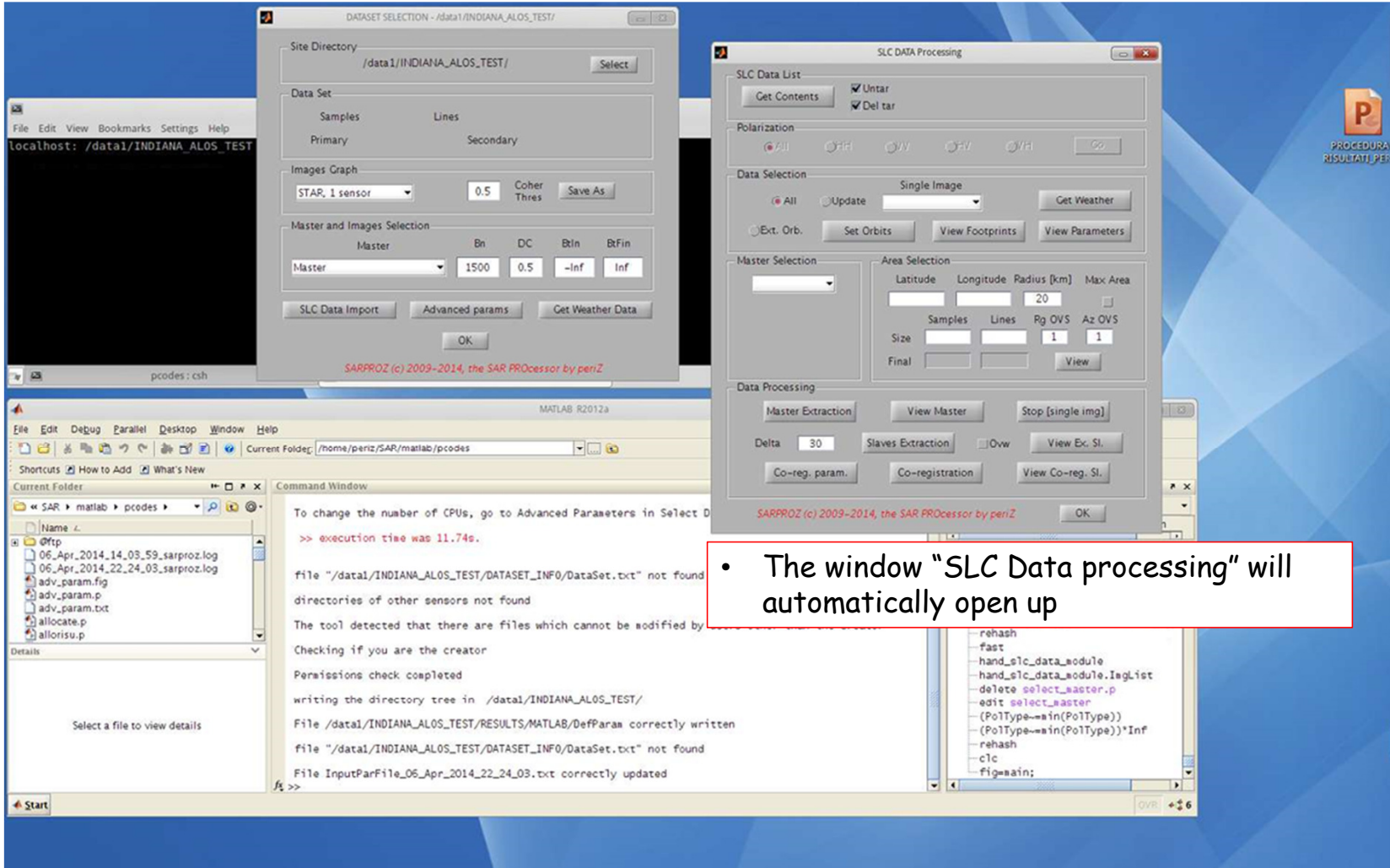




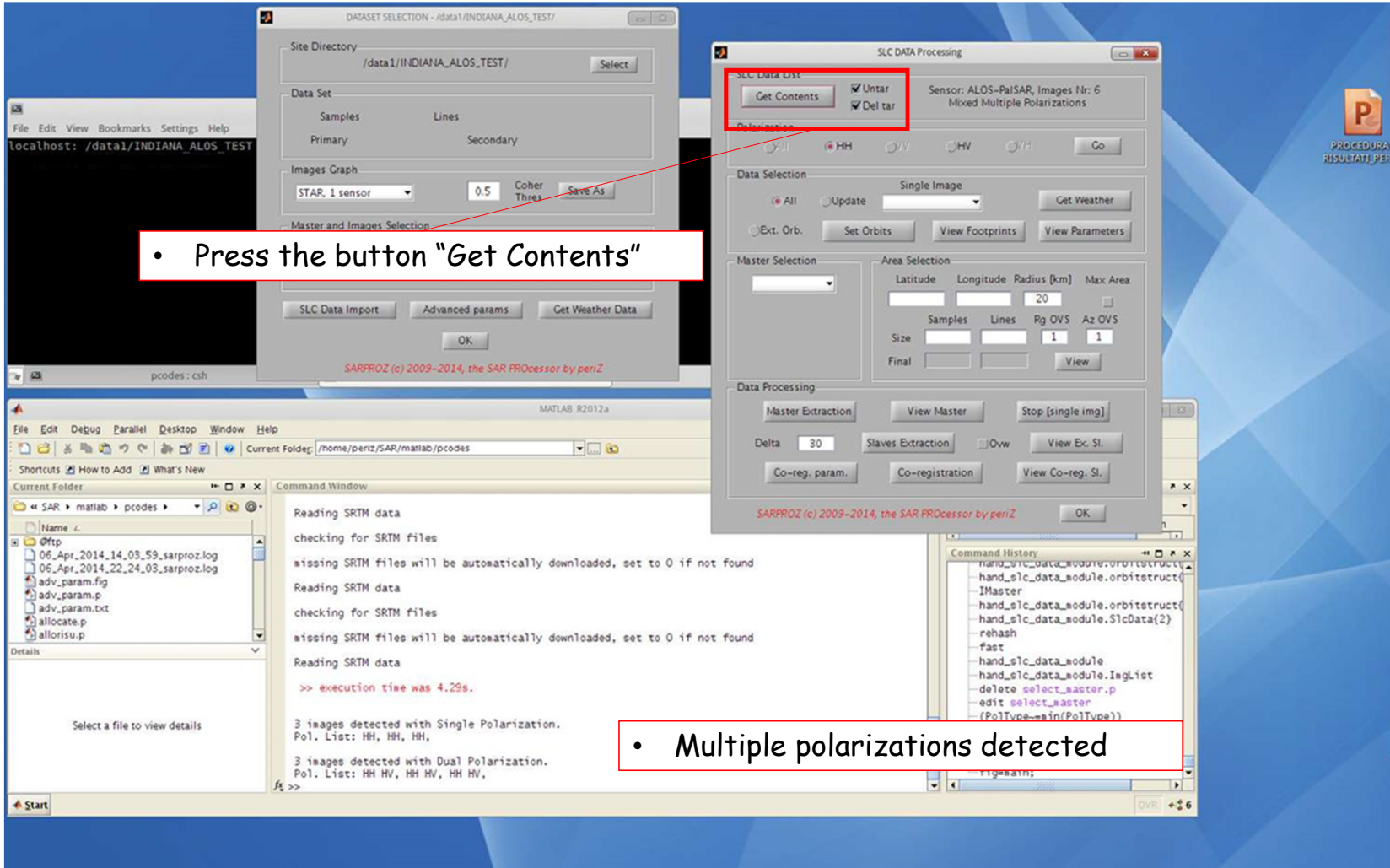
• Press the button "Select Dataset"



- Press the button "Select"
- Choose the directory "INDIAN\_ALOS\_TEST"
- Press Ok

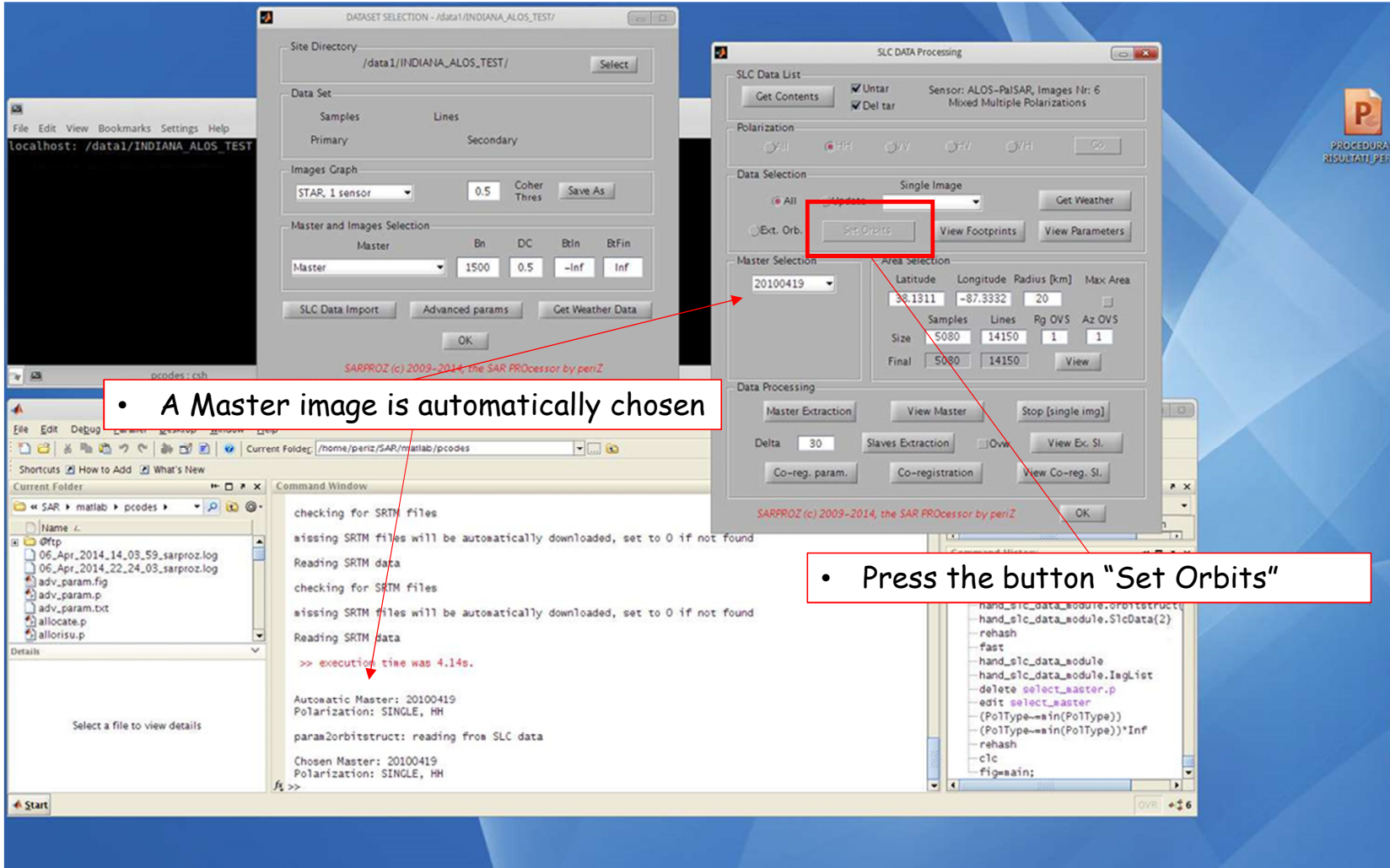


• The window "SLC Data processing" will automatically open up



- Press the button "Get Contents"

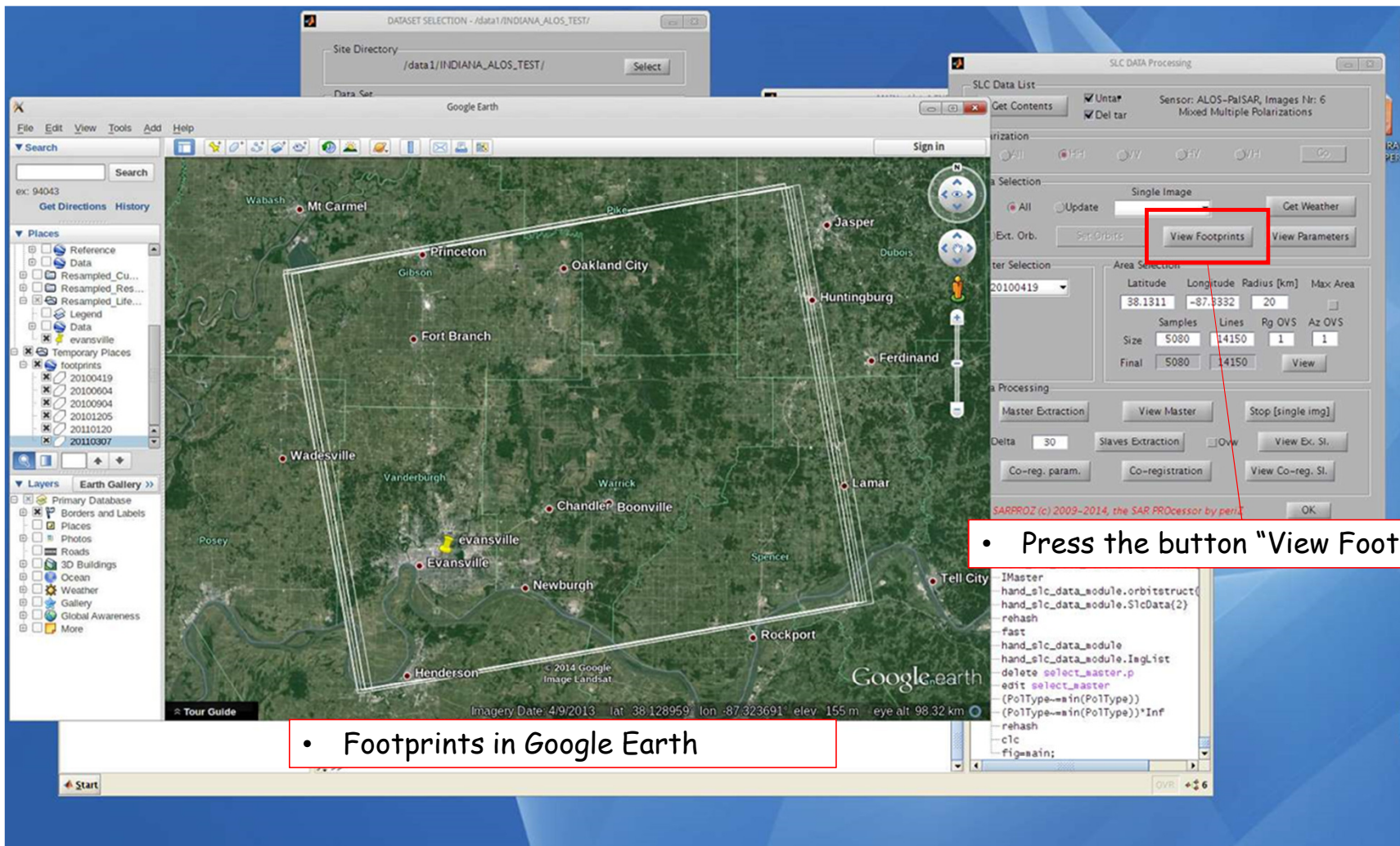
- Multiple polarizations detected



• A Master image is automatically chosen

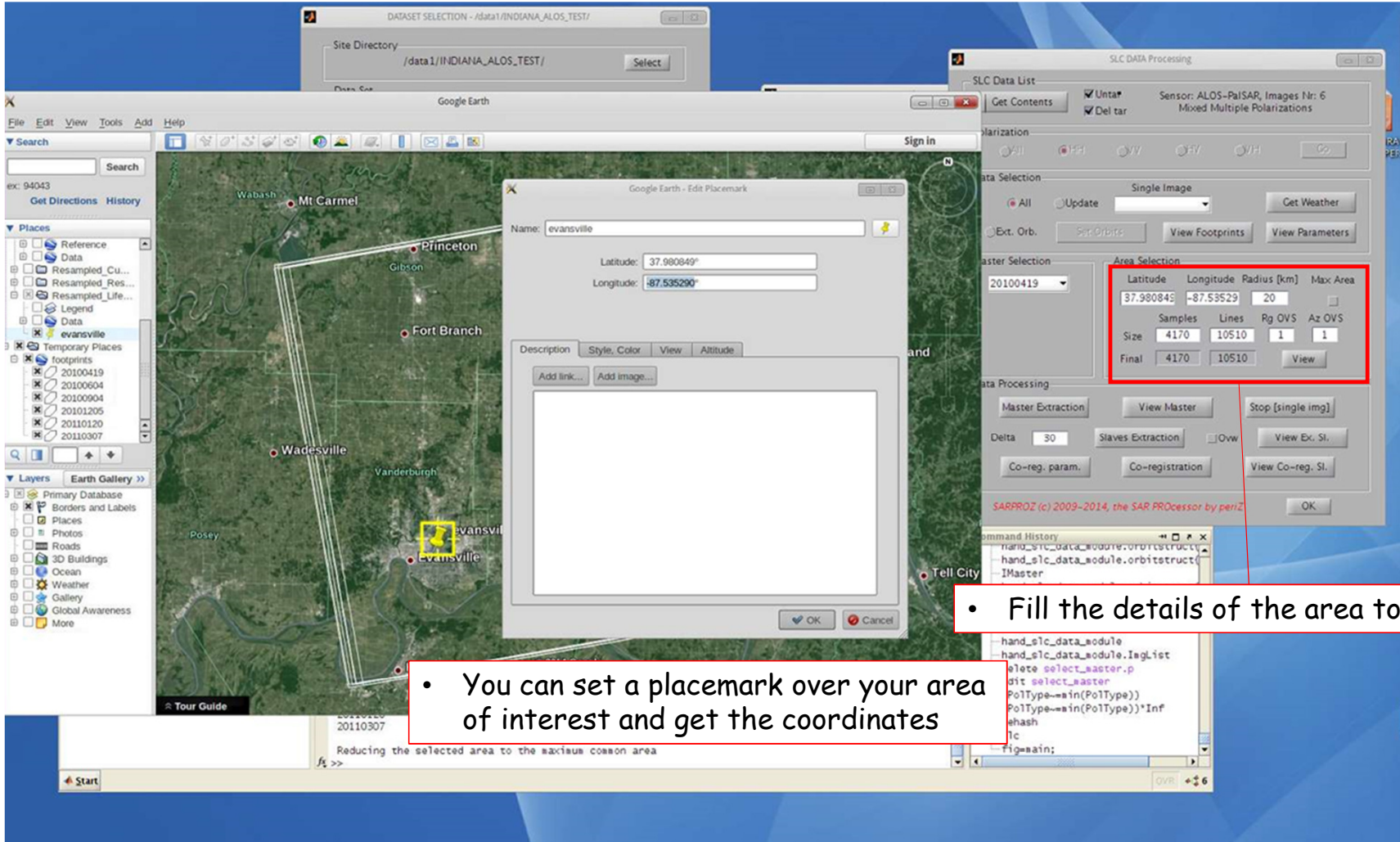
• Press the button "Set Orbits"





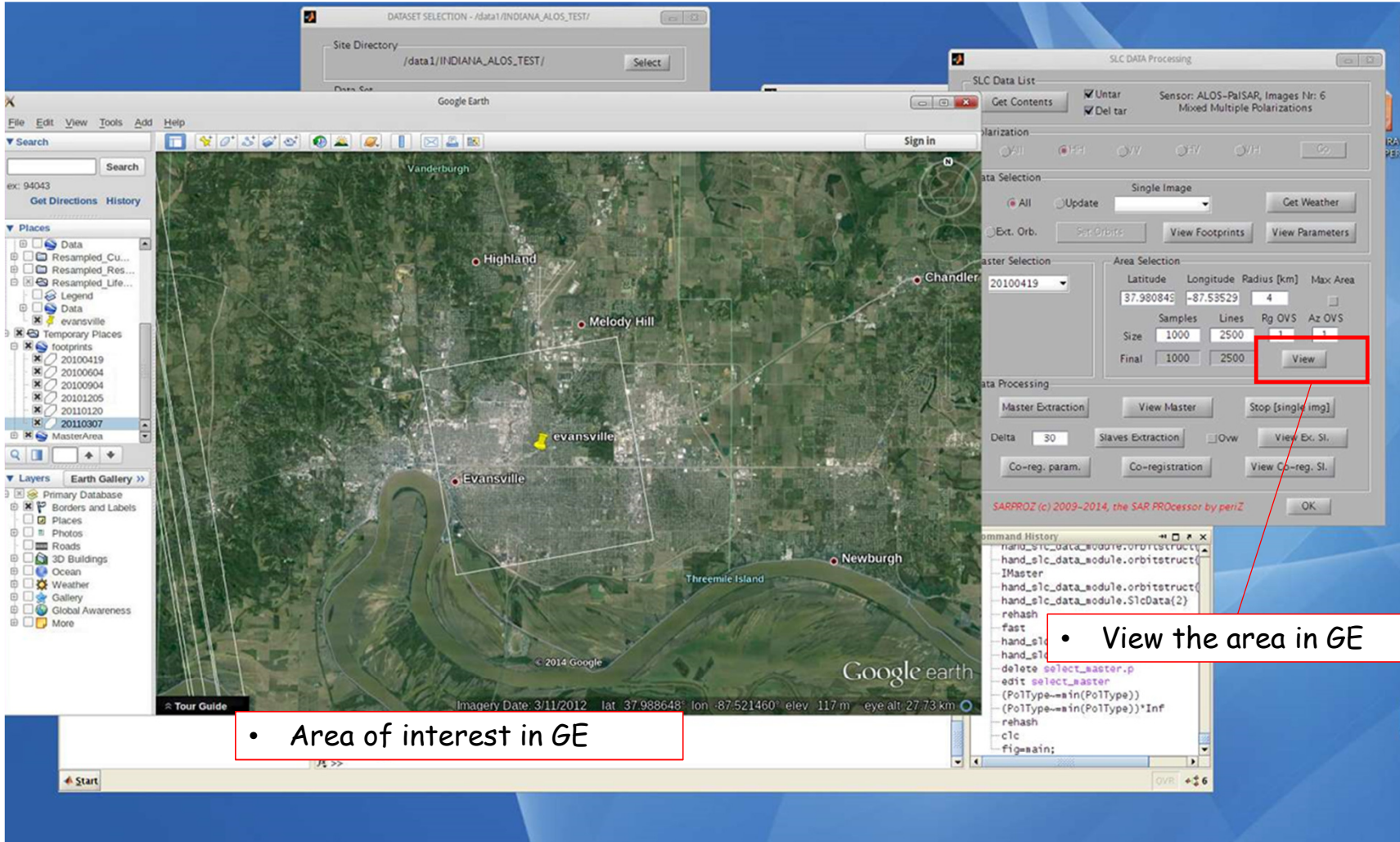
• Press the button "View Footprints"

• Footprints in Google Earth



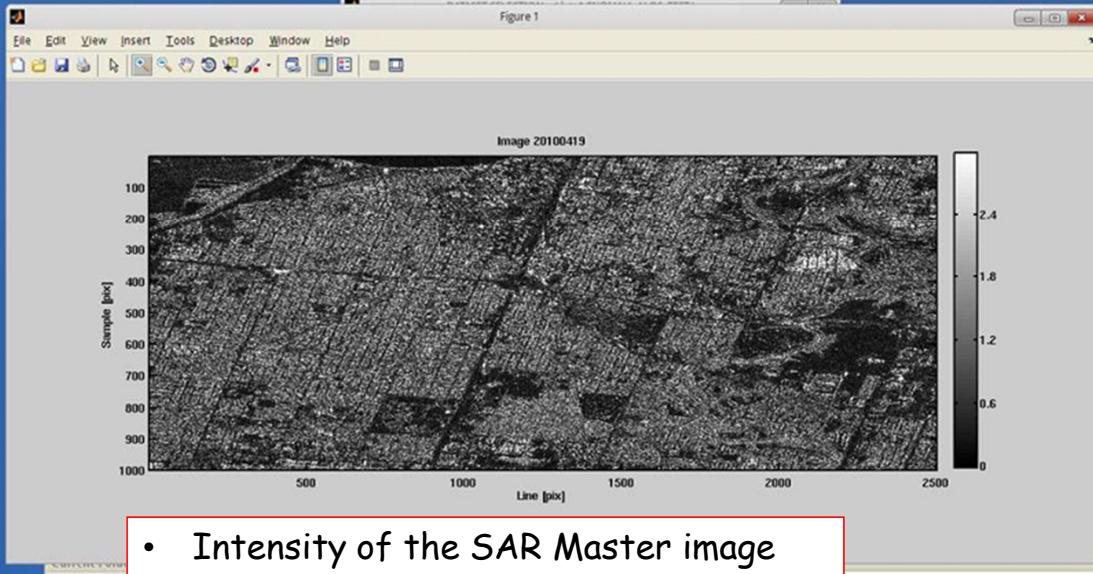
• You can set a placemark over your area of interest and get the coordinates

• Fill the details of the area to extract



• Area of interest in GE

• View the area in GE



- Intensity of the SAR Master image

Latitude	Longitude	Radius [km]	Max Area
37.980849	-87.53529	4	

	Size	Final	Lines	Rg OVS	Az OVS
Initial	1000	1000	2500	1	1
Final	1000	1000	2500	1	1

- Extract and display the Master image

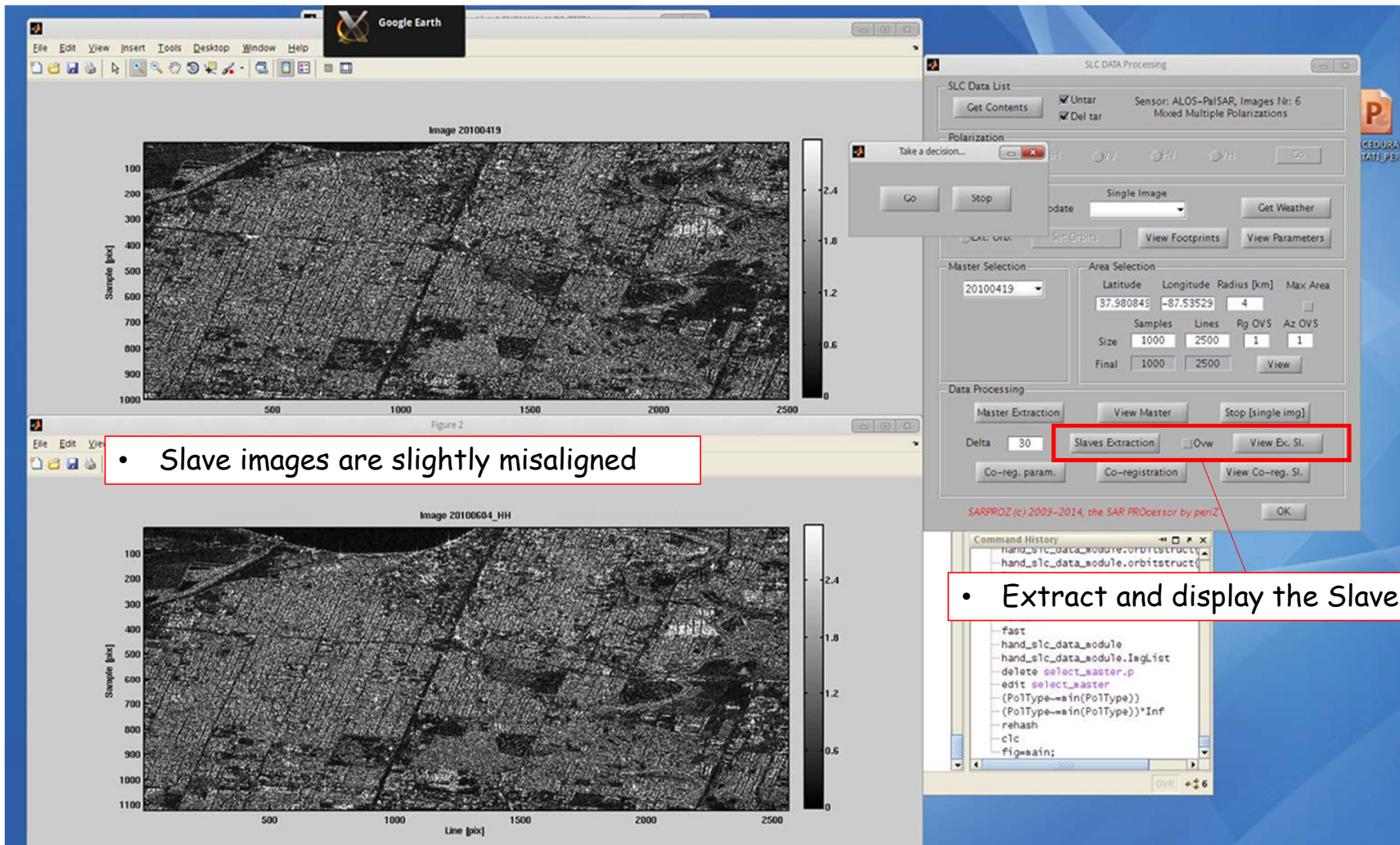
```

Name
  SAR \ matlab \ pcodes
  Name
  06_Apr_2014_14_03_59_sarproz.log
  06_Apr_2014_22_24_03_sarproz.log
  adv_param.fig
  adv_param.p
  adv_param.txt
  allocate.p
  allorisu.p
  Details
  Select a file to view details

Image.conf.mat written for 1 images
allocating 1000 x 2500 samples, type: 1
set3points: converting from SLC data
orbit files written for 1 images
checking for SRTM files
missing SRTM files will be automatically downloaded, set to 0 if not found
Reading SRTM data
>> execution time was 11.19s.
allocating 1000 x 2500 samples, type: 3
prep_img: job ended
>> execution time was 0.31s.
fs >>
  
```

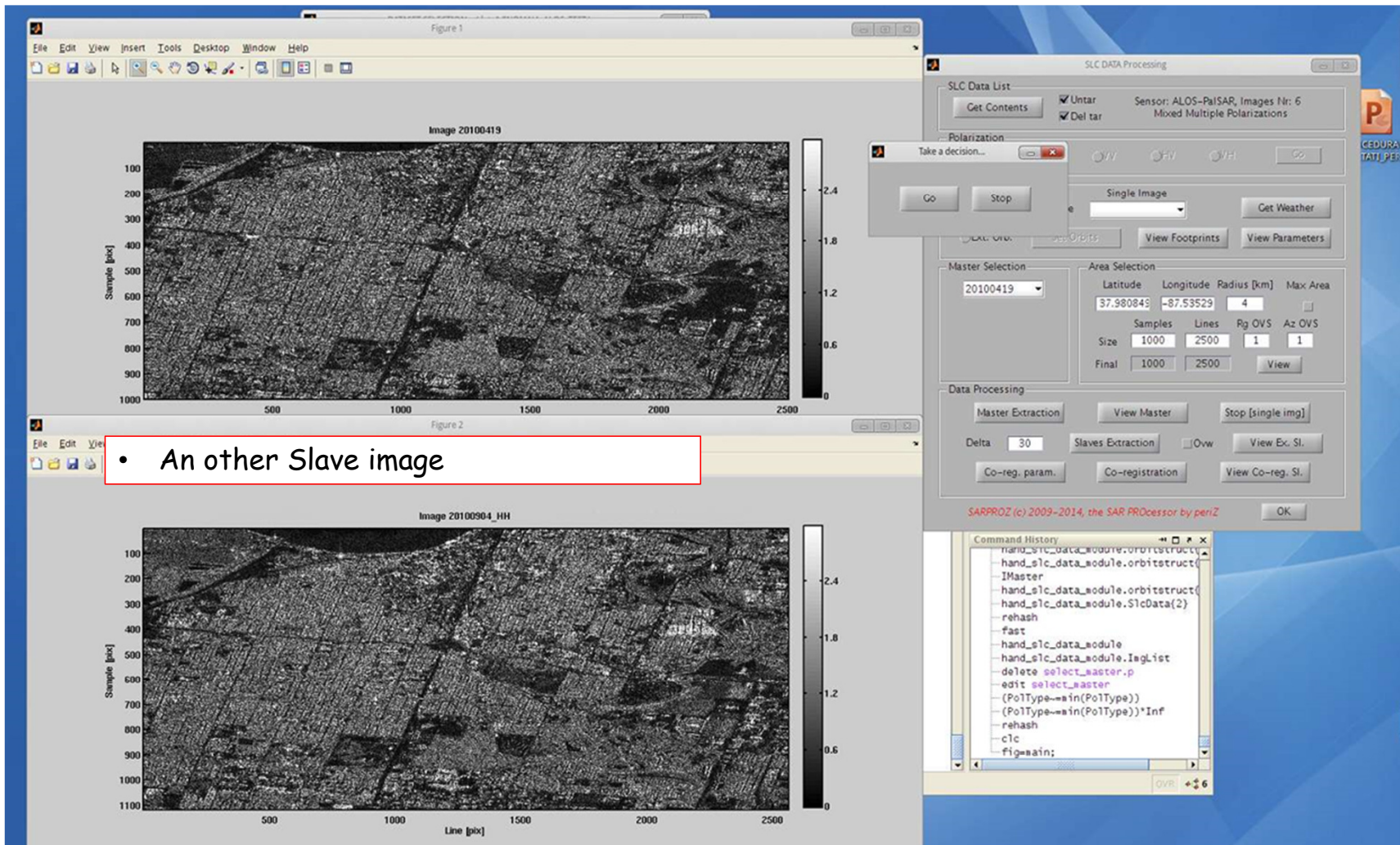
```

Command History
hand_slc_data_module.orbitstruc
hand_slc_data_module.orbitstruc
IMaster
fast
hand_slc_data_module
hand_slc_data_module.imgList
delete select_master.p
edit select_master.p
(PolType==min(PolType))
(PolType==min(PolType))*Inf
rehash
clc
fig=main;
  
```



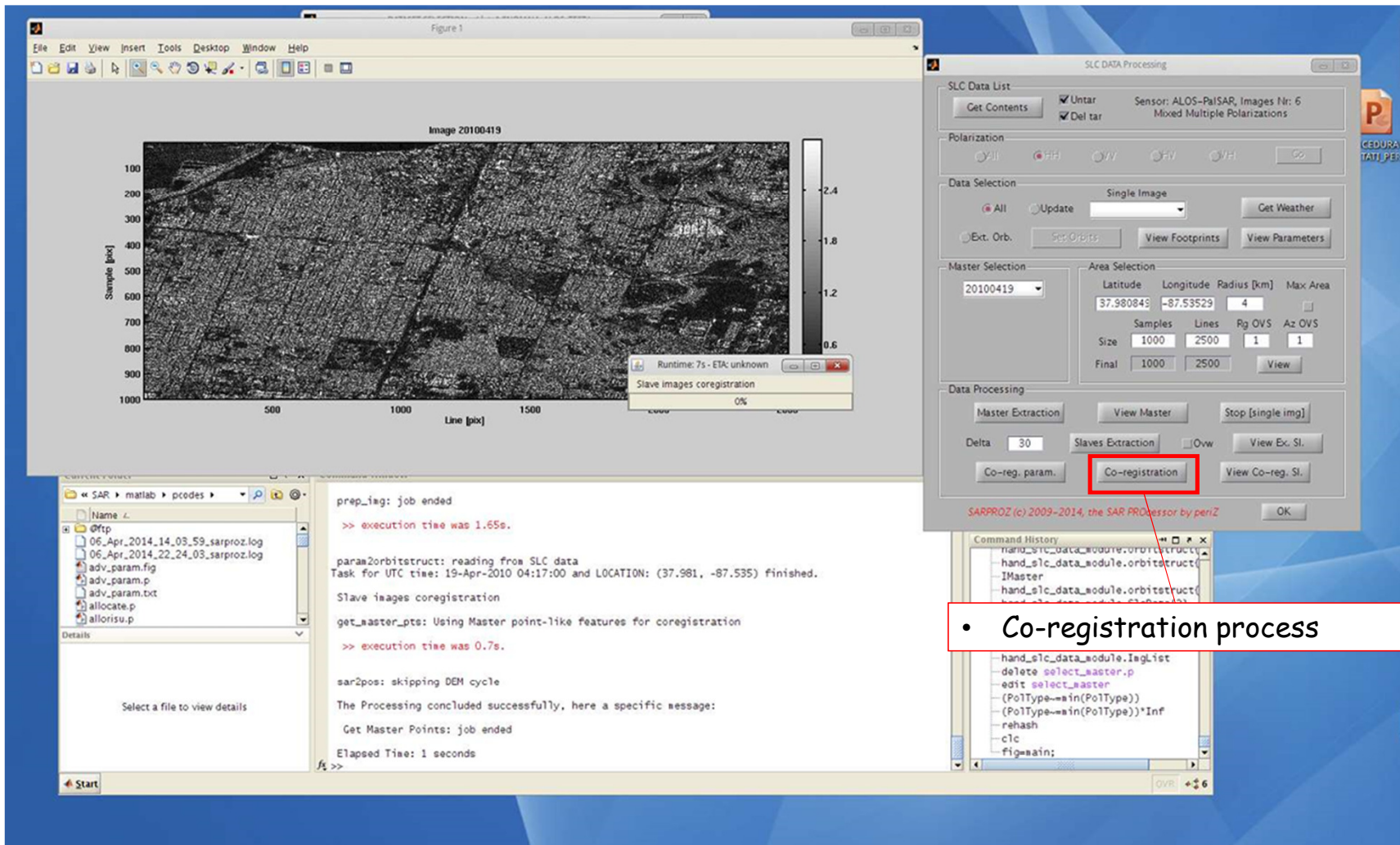
• Slave images are slightly misaligned

• Extract and display the Slave images

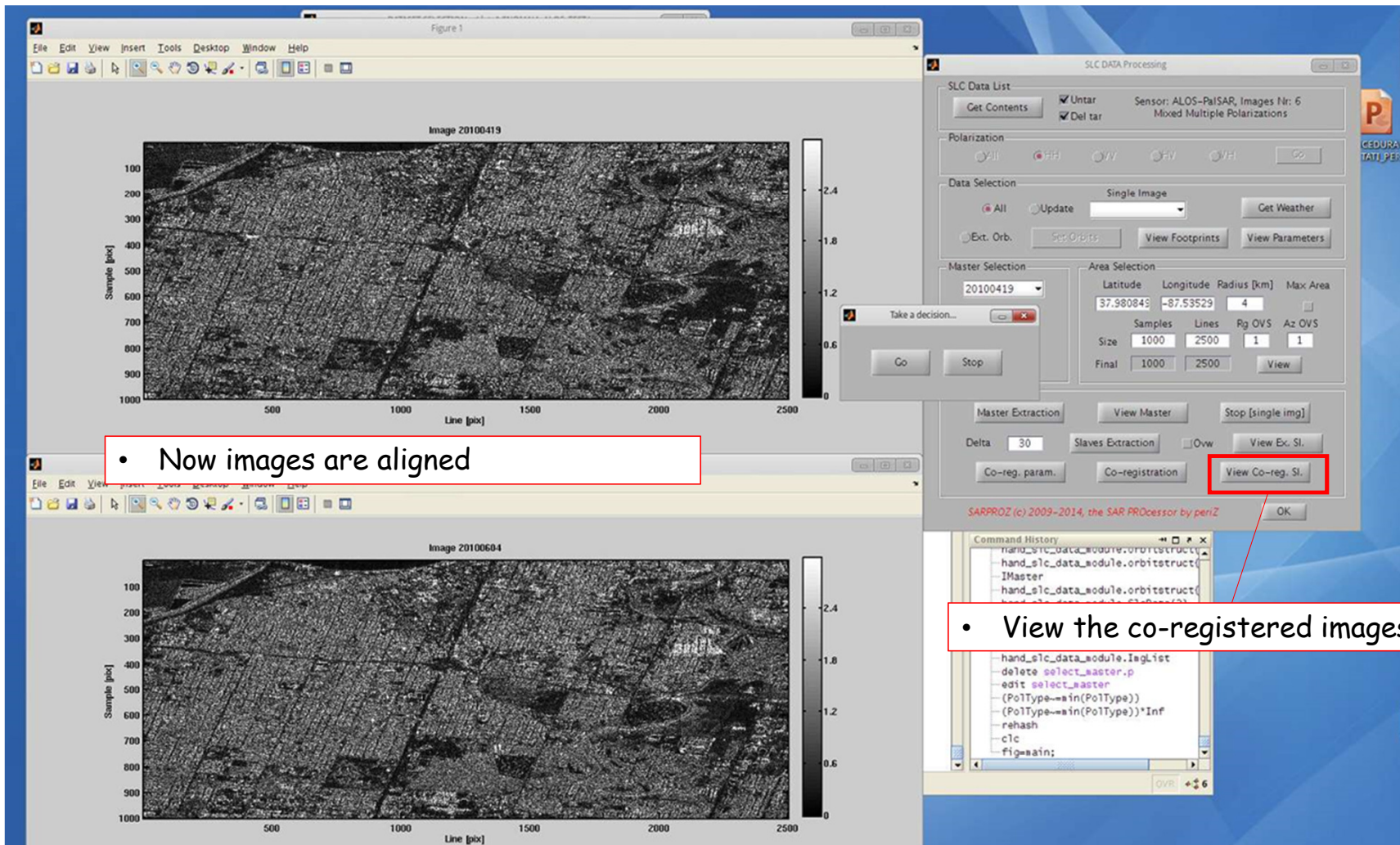


- An other Slave image

```
Command History
hand_slc_data_module.orbitstruct
hand_slc_data_module.orbitstruct
IMaster
hand_slc_data_module.orbitstruct
hand_slc_data_module.SlcData(2)
rehash
fast
hand_slc_data_module
hand_slc_data_module.TagList
delete select_master.p
edit select_master
(PolType==min(PolType))
(PolType==min(PolType))*Inf
rehash
clc
fig=main;
```



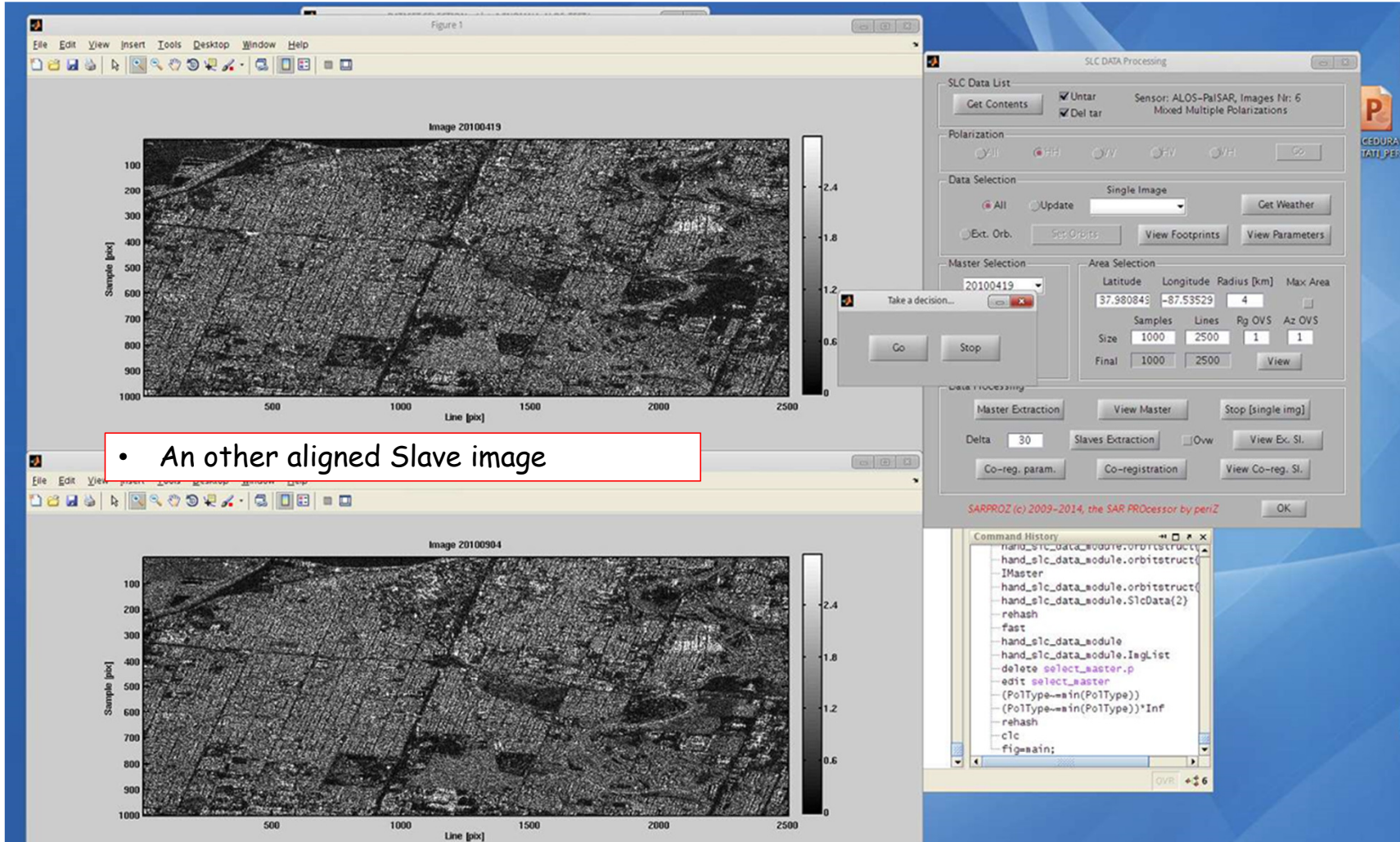
• Co-registration process



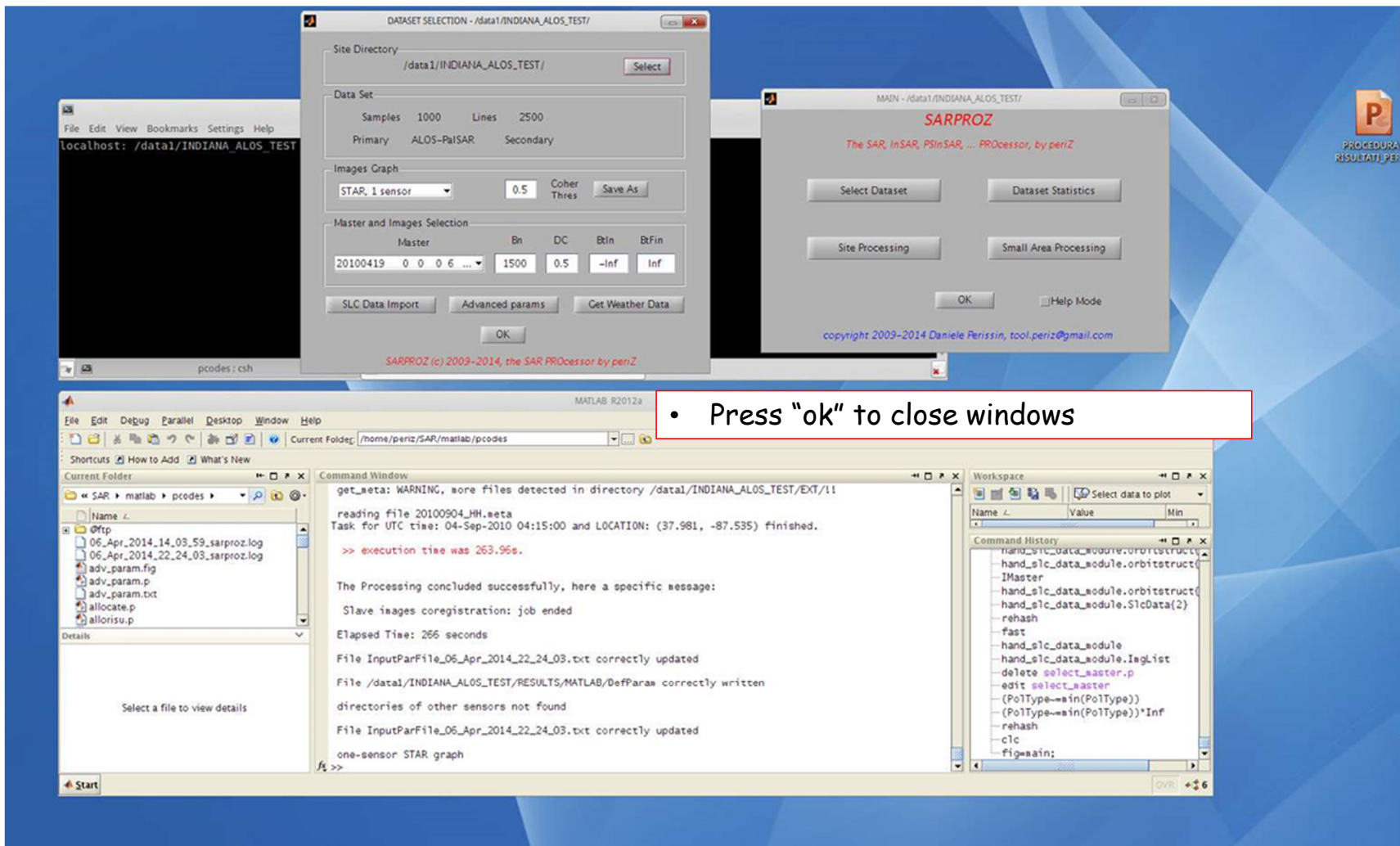
- Now images are aligned

- View the co-registered images





- An other aligned Slave image



• Press "ok" to close windows