

Annexure II

Mekelle COSPAR workshop 2017



ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



Mekelle COSPAR workshop 2017



34 students from
Ethiopia, Rwanda,
South Africa, Egypt,
Kenya and India

Antenna assembly



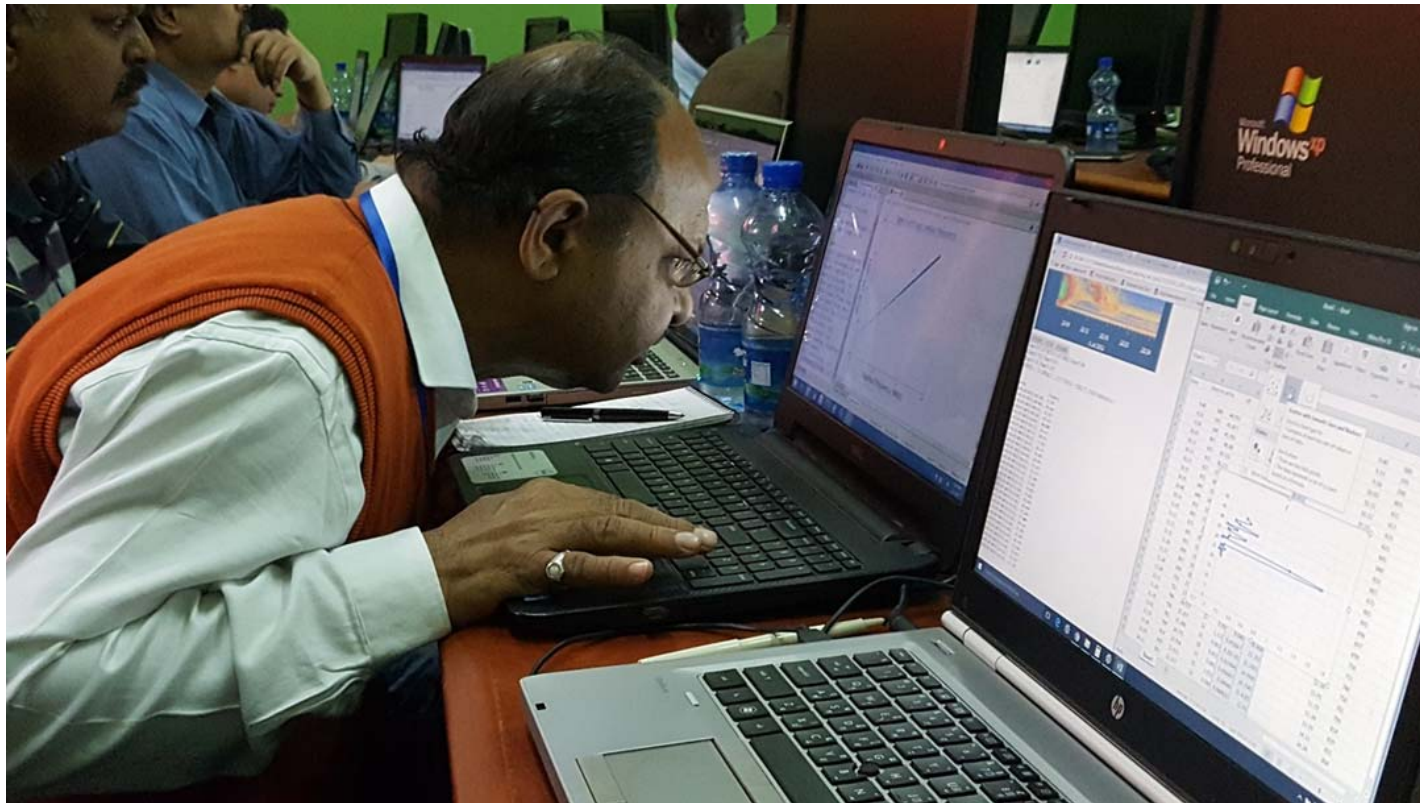
Antenna discussion on the roof



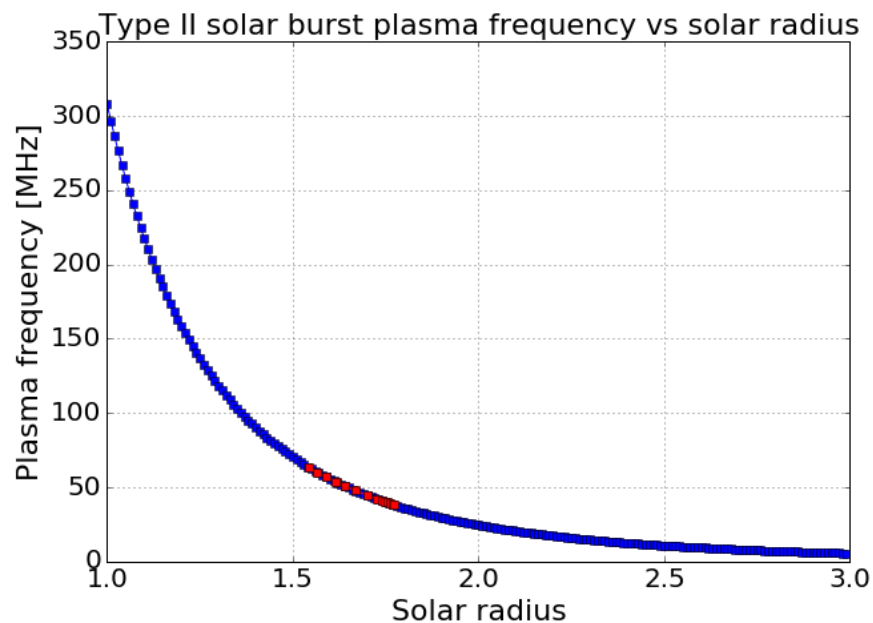
Tsega operating and testing Callisto



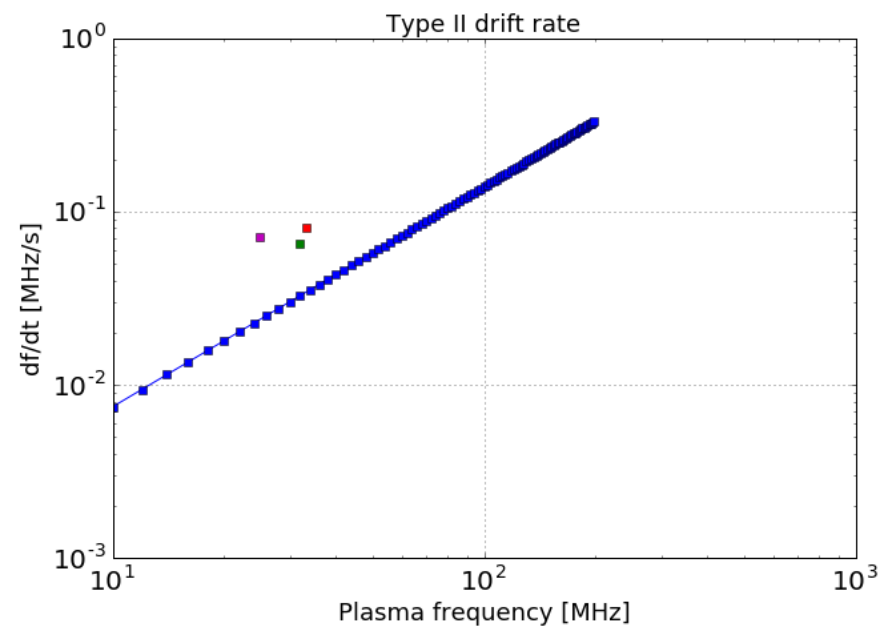
Rajmal Jain steps into Python



Basic exercises in Python

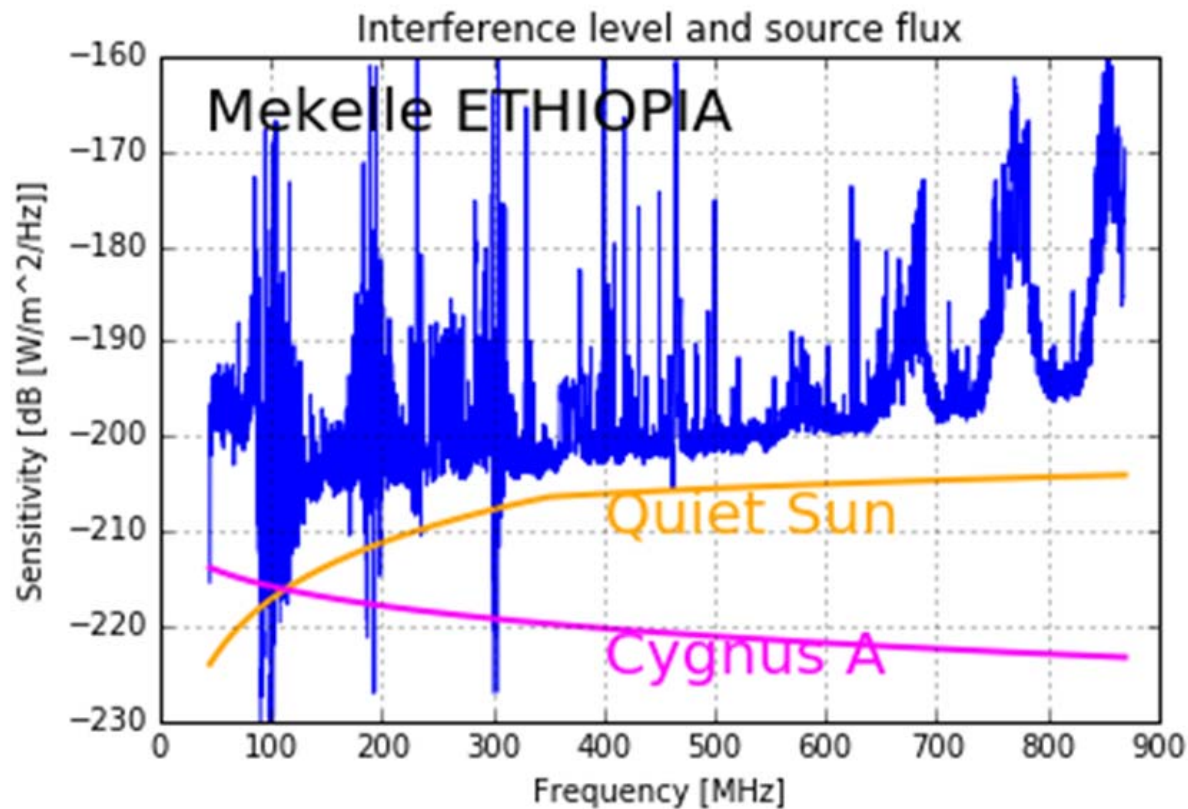


```
r = np.arange(1.0, 3.0, 0.01)
fp = 307.86 * r**(-3.64) - 0.14
plt.plot(r,fp,'-sb')
plt.plot(1.62,53.3,'-sr')
```

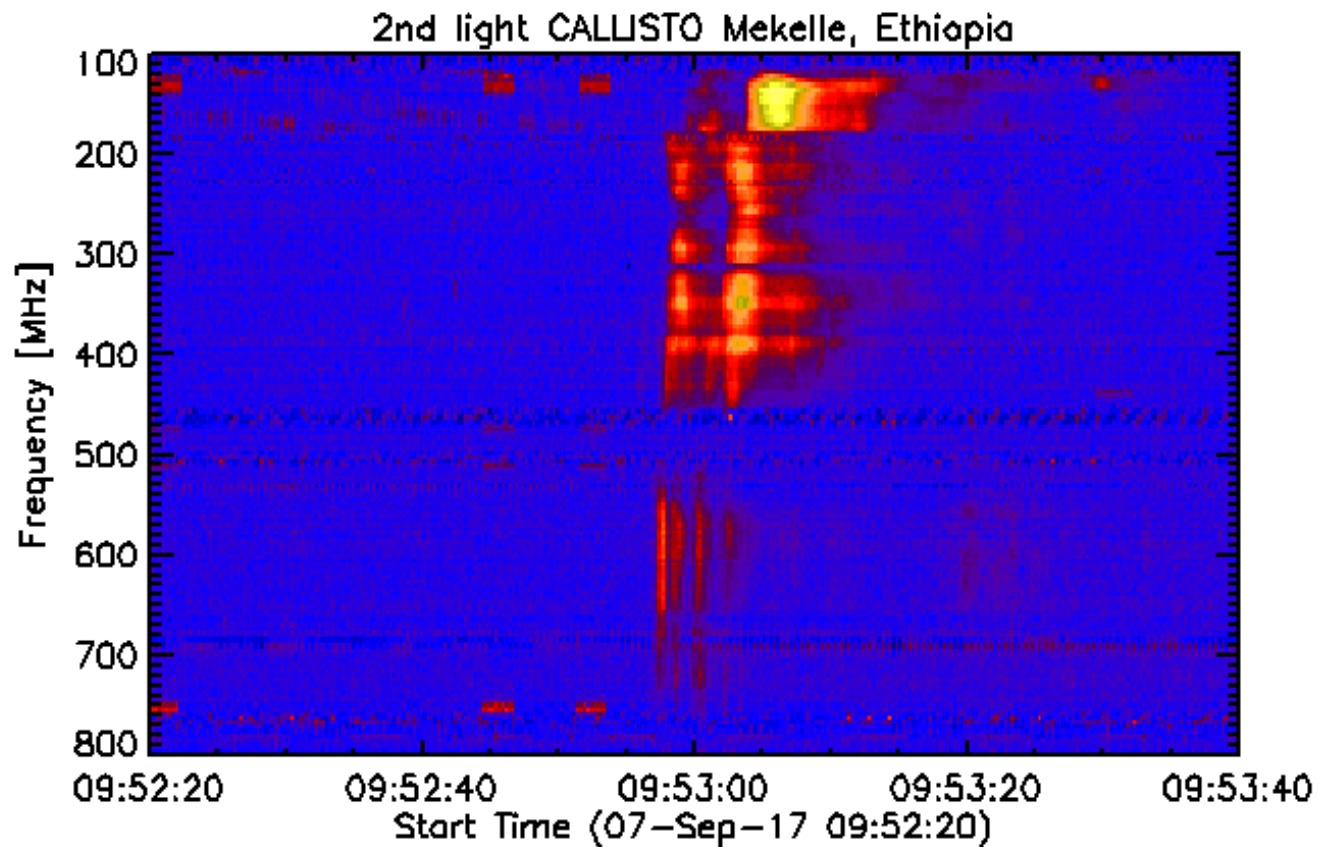


```
fp = np.arange(10, 200, 2)
dfdt = 4.0e-4 * fp**1.27
plt.plot(fp,dfdt,'-sb')
```

Hands on experiments:
Strong radio interference at university roof



Callisto solar radio burst Mekelle university



Excursion Axum

