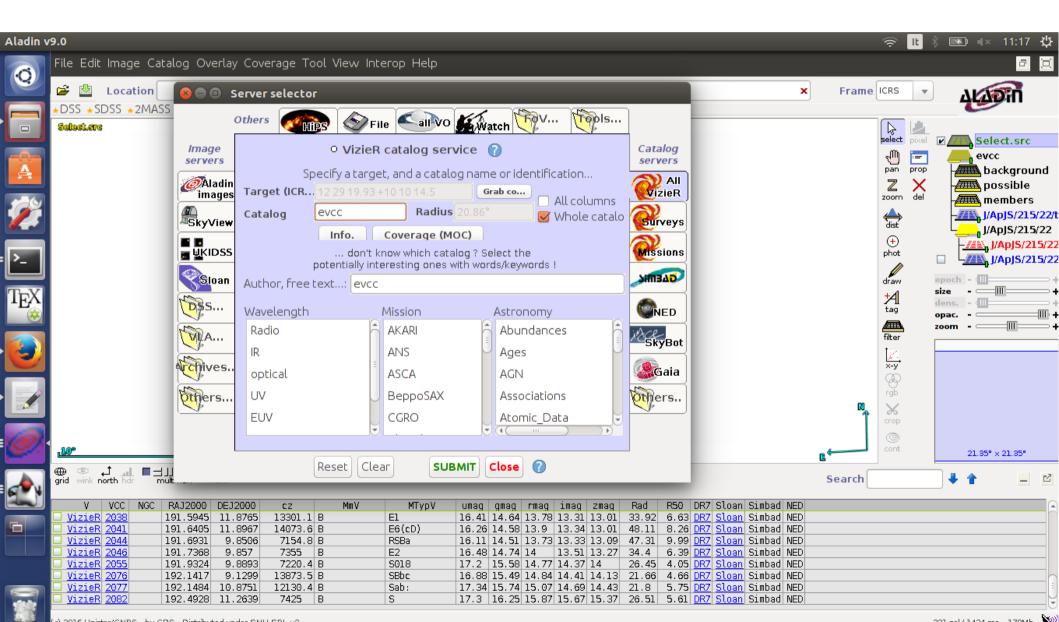
# SCIENCE CASE: Select barred galaxies in Virgo Cluster with both available images and spectra

Virginia Cuomo
III ASTERICS VO School

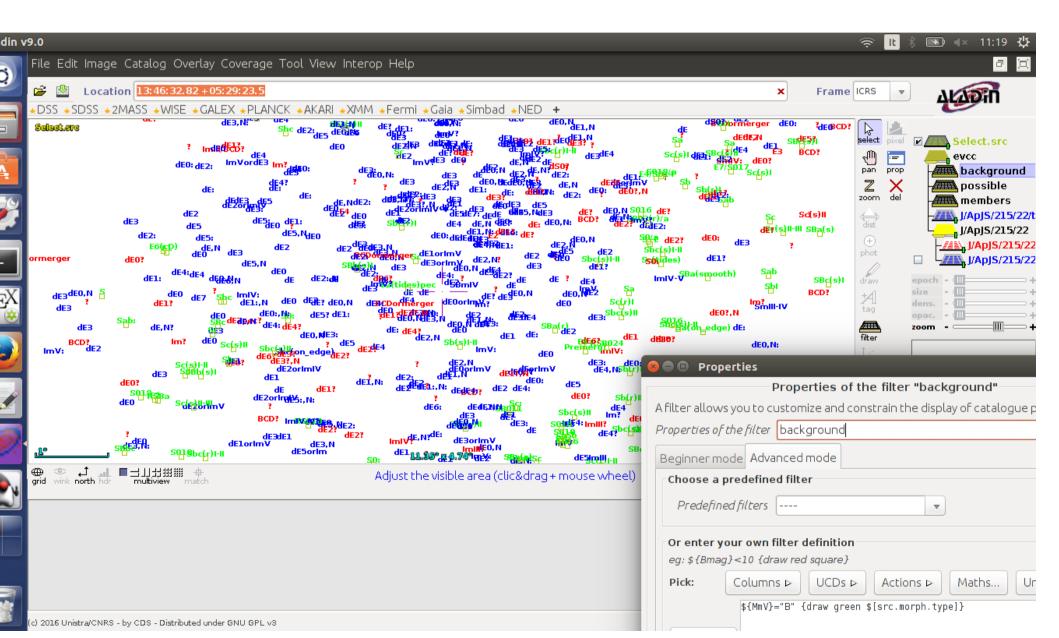
## ALADIN

## 1. select the EVCC catalogue

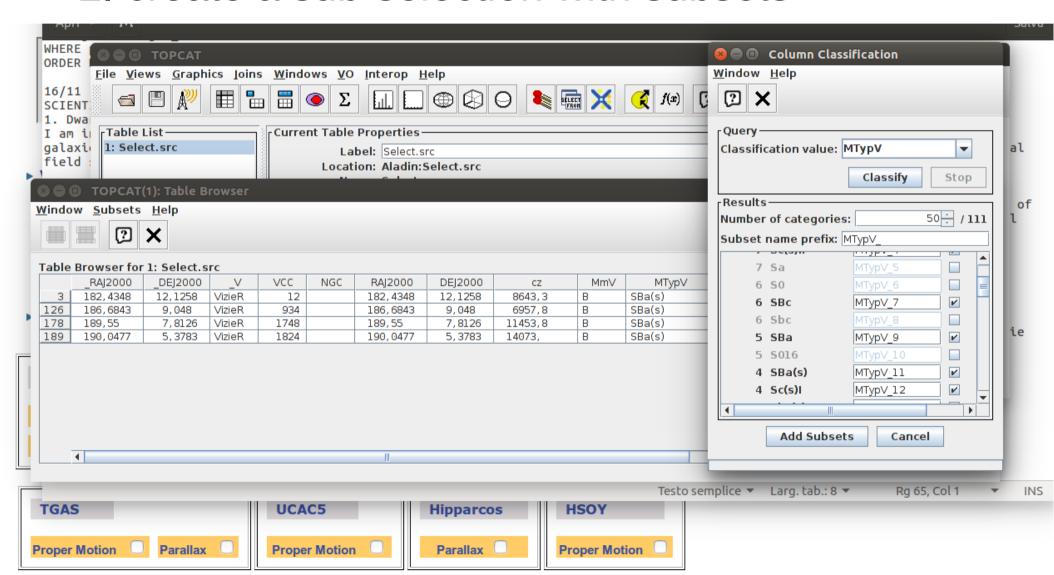


## ALADIN

## 2. create filters



- TOPCAT
- 1. export the table of one filter
- 2. create a sub-selection with subsets



## So now I have:

a list of objects and I need both images and spectra from any catalogue or survey...

- ALADIN: various infos but for only ONE object
- SIMBAD: more that one object but I need to know the catalogue

... so I need a NEW TOOL!!!!

## • ... SVO Discovery tool!!!!

▶ Physical Parameters (Radius: 5





List of object coordinates

#### **SVO DISCOVERY TOOL**

List of object names (one line each)	(RAJ2000, DEJ2000) (one line each)	
		Allowed format: 239.1667629 -22.0277814
		15:56:40.023 -22:01:40.01
▶ <u>VO Services</u> (Radius: 5	arcsec)	
Images		
□ Spectra		

arcsec)

## SVO Discovery tool For each object:

#### **VO Image Services**

Services	Results
52	2280

Service name	Results
2MASS ASKY AT	12
2MASS QL	12
3XMM-DR7-SIA	1
AllWISE L3a	4
CADC Image Search (SIA)	339
DFBS	3
DSS	6
DSS ESO	16
HEAVENS @ ISDC	4
HHLI	28
HeVICS	32
Herschel SIAP	44

Object: 182.4348 12.1258

## **Pysical parameters**

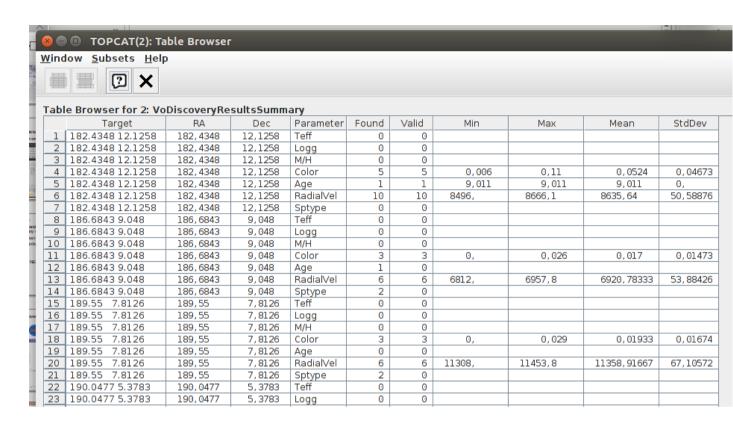
Parameter	Number of results found	Number of valid results	Min	Max	Mean	St
Teff	0	0	?	?	?	?
Logg	0	0	?	?	?	?
M/H	0	0	?	?	?	?
ColorExcess	5	5	0,006	0,11	0,052	0,0
Age	1	1	9,011	9,011	9,011	0
RadialVel	10	10	8496	8666,1	8635,64	50
Sptype	0					

## **VO Spectrum Services**

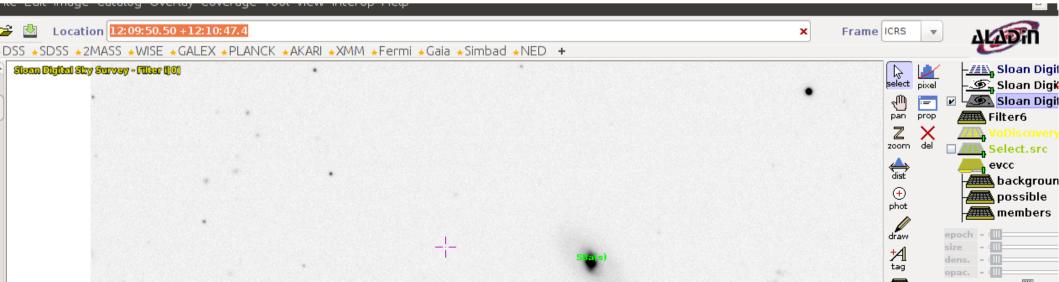
Services	Results
1	116

Service name	Results	
IRSA SSA	116	

SVO Discovery tool
 1. send to SAMP
 physical
 parameters



2. download or send to SAMP the selected image



So, Thank you!