

# IX LA PLATA INTERNATIONAL SCHOOL ON ASTRONOMY AND GEOPHYSICS

## S-PLUS: THE UNIVERSE IN TRUE COLORS

17-21 February 2020, La Plata, Argentina

<http://congresos.unlp.edu.ar/ixlapis/>  
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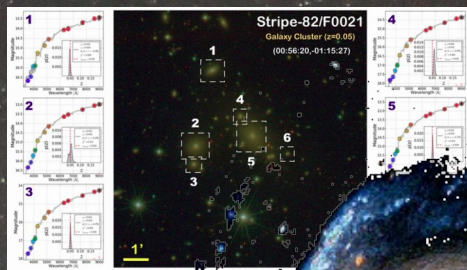
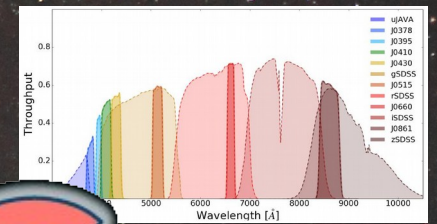
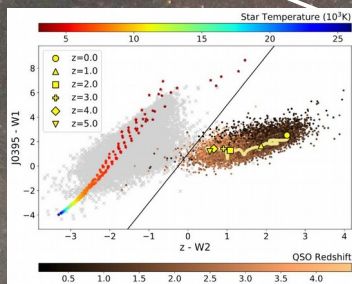


Photo-z  
Search for clusters

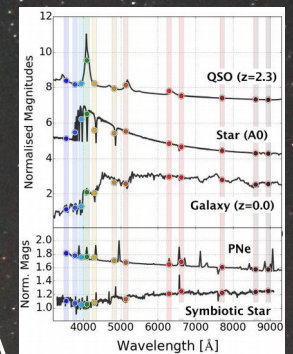
5 broad bands  
+7 narrow bands



S-PLUS allows new  
selection strategies for  
Quasars

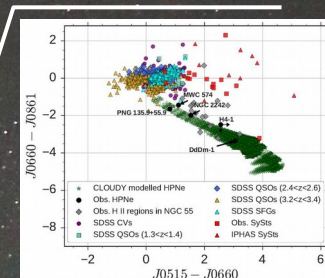


Suitable for many  
different science  
cases



# S-PLUS survey

S-PLUS allows new  
selection strategies for  
Planetary Nebulae



And more...

### Lecturers

**Claudia Mendes de Oliveira** (IAG, São Paulo)  
**Laerte Sodr  Jr.** (IAG, S o Paulo)  
**Roderik Overzier** (IAG, S o Paulo)  
**Rodrigo Nemmen** (IAG, S o Paulo)  
**Ana Chies Santos** (UFRGS, R o Grande do Sul)  
**Antonio Montero Dorta** (IFUSP, S o Paulo)  
**Arianna Cortesi** (UFRJ, R o de Janeiro)  
**Ariel Werle** (IAG, S o Paulo)  
**Raniere Maciel de Menezes** (IAG, S o Paulo)  
**Lilianne Nakazono** (IAG, S o Paulo)  
**Erik Vinicius de Lima** (IAG, S o Paulo)

### Topics

*S-PLUS Description*  
*Machine Learning*  
*SED Fitting*  
*Photo-z*  
*Galactic Globular Clusters*  
*Stellar Populations of Galaxies*  
*Galaxies Morphology*  
*Supermassive Black Holes*  
*Nearby Groups of Galaxies*  
*Galaxy Evolution*  
*Quasars*  
*Large Scale Structure*

### Local Organizing Committee

Anal a Smith Castelli (Chair)  
Mar a Emilia De Rossi  
Favio Faifer  
Juan Pablo Caso  
Carlos Escudero

Leandro Sesto  
Victoria Reynaldi  
Juliana Saponara  
N lida Gonz lez  
Mar a Cecilia Scalia

Lucas Zenocratti  
Natalia Guevara  
Juliana Godoy  
Agustina Blanco

