

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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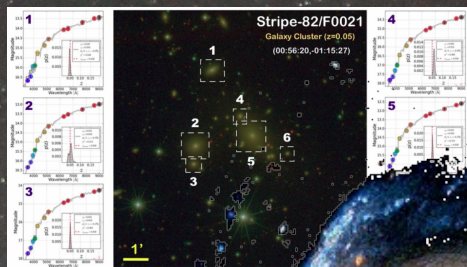
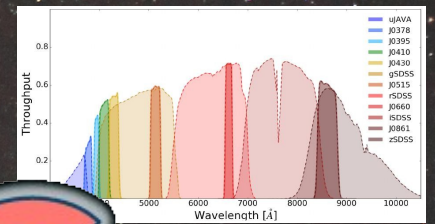
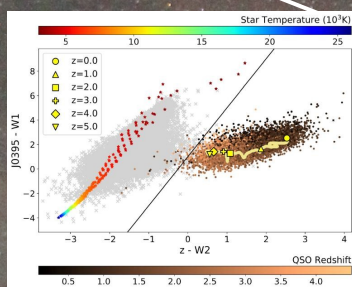


Photo-z
Search for clusters

5 broad bands
+7 narrow bands

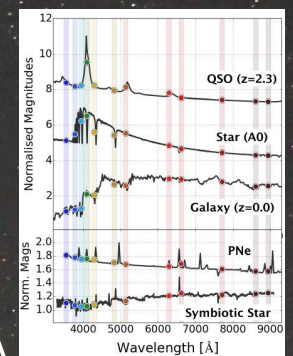


S-PLUS allows new
selection strategies for
Quasars

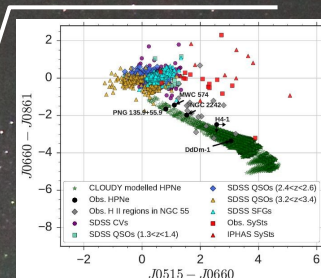


S-PLUS survey

Suitable for many
different science
cases



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

