

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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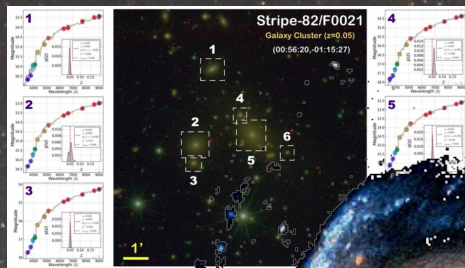
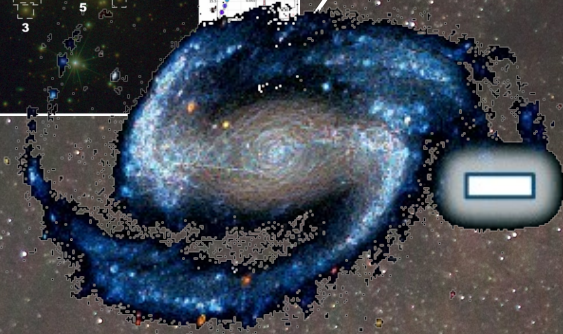
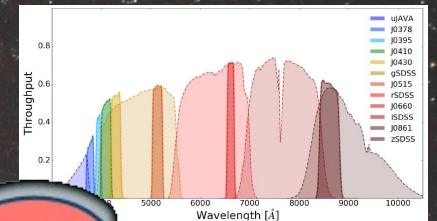


Photo-z
Search for clusters

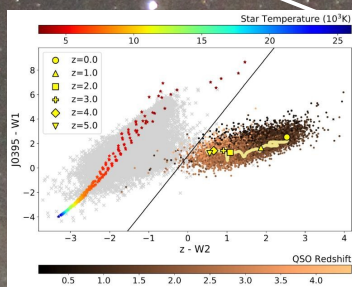
5 broad bands
+7 narrow bands



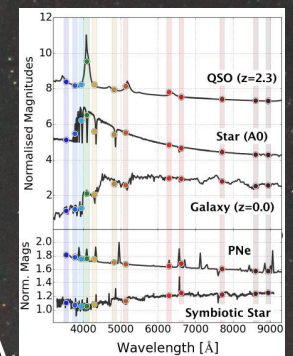
S-PLUS

survey

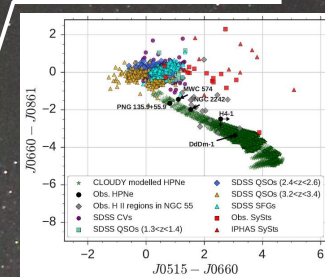
S-PLUS allows new selection strategies for Quasars



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)
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Rodrigo Nemmen (IAG, São Paulo)
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Felipe de Almeida Fernandes (IAG, São Paulo)
Lilianne Nakazono (IAG, São Paulo)
Erik Vinicius de Lima (IAG, São Paulo)
Maria Luisa Gomes Buzzo (IAG, São Paulo)
Carolina Queiroz (IAG, São Paulo)

Topics

S-PLUS Description
Machine Learning
SED Fitting
Photo-z
Early-Type Stars in the MW and MCs
Giant Stars
Galactic Globular Clusters
Galactic Structure
Stellar Populations of Galaxies
Galaxies Morphology
Supermassive Black Holes
Galaxy Evolution
Quasars
Large Scale Structure

Local Organizing Committee

Analía Smith Castelli (Chair)
Carlos Escudero
Nélida González
Juliana Godoy

María Emilia De Rossi
Leandro Sesto
María Cecilia Scalia
Agustina Blanco

Favio Faifer
Victoria Reynaldi
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UNIVERSIDAD NACIONAL DE LA PLATA



Facultad de Ciencias Astronómicas y Geofísicas
UNIVERSIDAD NACIONAL DE LA PLATA



PLANETARIO CIUDAD DE LA PLATA
Facultad de Cs. Astronómicas y Geofísicas



CONICET



FUNDAÇÃO DE AMPARO À PESQUISA DO ESTADO DE SÃO PAULO