



# IX La Plata International School on Astronomy and Geophysics S-PLUS: The Universe in True Colors

## Monday February 17<sup>th</sup>

### Morning Session

8:00 - 9:00		Registration
9:00 - 9:15	<b>Analía Smith Castelli</b>	Welcome Words
9:15 - 10:15	<b>Claudia Mendes de Oliveira</b>	S-PLUS Description ( <i>Lecture</i> )
10:15 - 10:45		Coffee
10:45 - 11:45	<b>Roderik Overzier</b>	Galaxies ( <i>Lecture</i> )
11:45 - 12:45	<b>Ariel Werle</b>	Python Introduction ( <i>Hands-on Session</i> )
12:45 - 14:00		Lunch

### Afternoon Session

14:00 - 15:00	<b>Rodrigo Nemmen</b>	Black Holes ( <i>Lecture I</i> )
15:00 - 16:00	<b>Arianna Cortesi</b>	Galaxies Morphologies ( <i>Hands-on Session</i> )
16:00 - 16:30		Coffee
16:30 - 17:30	<b>Ariel Werle</b>	SED Fitting ( <i>Hands-on Session</i> )

## Tuesday February 18<sup>th</sup>

### Morning Session

9:00 - 10:00	<b>Laerte Sodr� Jr.</b>	Machine Learning in Astronomy ( <i>Lecture I</i> )
10:00 - 10:30		Coffee
10:30 - 11:30	<b>María Luisa Buzzo &amp; Erik Rodrigues de Lima</b>	Machine Learning ( <i>Hands-on Session I</i> )
11:30 - 12:30	<b>Claudia Mendes de Oliveira</b>	Groups and Clusters of Galaxies ( <i>Lecture</i> )
12:30 - 14:00		Lunch

### Afternoon Session

14:00 - 15:00	<b>Roderik Overzier</b>	Galaxies ( <i>Lecture II</i> )
15:00 - 16:00	<b>Rodrigo Nemmen</b>	Black Holes ( <i>Lecture II</i> )
16:00 - 16:30		Coffee
16:30 - 17:30	<b>Antonio Montero Dorta</b>	Cosmology ( <i>Hands-on Session</i> )

## Wednesday February 19<sup>th</sup>

### Morning Session

9:00 - 9:45	<b>Sergio Cellone</b>	Complejo Astronómico El Leoncito ( <i>Invited Talk</i> )
9:45 - 10:30	<b>Gabriel Ferrero</b>	20 Years Using Gemini from Argentina: Experience and Achievements ( <i>Invited Talk</i> )
10:30 - 11:00		Coffee
11:00 - 12:00	<b>Rodolfo Barbá</b>	GALANTE: A Tuned Survey for Early Type Stars ( <i>Lecture</i> )
12:00 - 13:00	<b>Rodolfo Barbá</b>	GALANTE: A Tuned Survey for Early Type Stars ( <i>Hands-on Session</i> )
13:00 - 13:15		Official Photo
13:00 - 15:00		IX LAPIS Social Lunch



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## IX La Plata International School on Astronomy and Geophysics S-PLUS: The Universe in True Colors

### Thursday February 20<sup>th</sup>

#### Morning Session

9:00 - 10:00	<b>Laerte Sodr� Jr.</b>	Machine Learning in Astronomy ( <i>Lecture II</i> )
10:00 - 10:30		Coffee
10:30 - 11:30	<b>Mar�a Luisa Buzzo &amp; Erik Rodrigues de Lima</b>	Machine Learning ( <i>Hands-on Session II</i> )
11:30 - 12:30	<b>Ana Chies Santos</b>	Galactic Globular Clusters ( <i>Lecture</i> )
12:30 - 14:00		Lunch

#### Afternoon Session

14:00 - 15:00	<b>Ana Chies Santos</b>	Galactic Globular Clusters ( <i>Hands-on Session</i> )
15:00 - 16:00	<b>Felipe de Almeida</b>	Milky Way ( <i>Lecture I</i> )
16:00 - 16:30		Coffee
16:30 - 17:30	<b>Felipe de Almeida &amp; H�lio Perottoni</b>	Milky Way ( <i>Hands-on Session I</i> )

### Friday February 21<sup>st</sup>

#### Morning Session

9:00 - 10:00	<b>Laerte Sodr� Jr.</b>	Machine Learning in Astronomy ( <i>Lecture III</i> )
10:00 - 10:30		Coffee
10:30 - 11:30	<b>Roderik Overzier</b>	Galaxies ( <i>Lecture II</i> )
11:30 - 12:30	<b>Lilianne Nakazono</b>	Object Classification ( <i>Hands-on Session</i> )
12:30 - 14:00		Lunch

#### Afternoon Session

14:00 - 15:00	<b>Rodrigo Nemmen</b>	Black Holes ( <i>Lecture III</i> )
15:00 - 16:00	<b>Carolina Queiroz</b>	Quasar Search ( <i>Hands-on Session</i> )
16:00 - 16:30		Coffee
16:30 - 18:00	<b>H�lio Perottoni</b>	Milky Way ( <i>Lecture II + Hands-on Session II</i> )
18:00 - 18:15	<b>Anal�a Smith Castelli</b>	Closing of the IX LAPIS



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