

**Monday**

**10:00 - 11:00am**

Welcome to the meeting and summary of the CHANCES survey status  
Chris Haines, Ivan Lacerna

Coffee break, **11:00-11:30am**

**SESSION: Low-z CHANCES sub-survey**

**11:30 - 12:15** (30 min + 15 min discussion)

The CHANCES cluster and supercluster sample  
Cristobal Sifon

**12:15 - 12:50** (30 min + 15 min discussion)

Science with the Low-z CHANCES sub-survey  
Yara Jaffé

Lunch (**13:00 - 14:20**)

**SESSION: PREPARING THE TARGET CATALOGUES FOR THE LOW-Z SUB-SURVEY**

**14:30 - 15:10** (30 min + 10 min discussion)

The target selection for the low-redshift CHANCES subsurvey  
Hugo Mendéz Hernandez

**15:10 - 15:30** (15 min + 5 min discussion)

Developing Photometric Redshifts Using DECam Data for Target Selection in CHANCES  
Gabriel Teixeira

**15:30-16:00** Coffee-break

**SESSION: THE EVOLUTION SUB-SURVEY**

**16:00-16:40** (30 min + 10 min discussion)

The Evolution Sub-survey  
Chris Haines

**16:40-17:00**

Visit to the INCT

## Tuesday

**09:20-10:10** (40 min with 10 minutes discussion)

X-ray catalogues for CHANCES

Alexis Finoguenov

**10:10-10:30** (15 min with 5 minutes discussion)

Characterizing large-scale structure in the Shapley and Horologium-Reticulum superclusters from optical and X-ray data

Raul Baier

**10:30-11:00** (20 min with 10 minutes discussion)

Update from the Stellar Mass Working group

Maria Argudo-Fernandez, Julie Nantais

**11:00-11:30** coffee break

**11:30-11:50** (15 min plus 5 minutes discussion)

4MOST status and schedule

Jon Loveday (remote)

**11:50-12:25** (25 min with 10 minutes discussion)

The WINGS-OmegaWINGS survey and Chances future perspectives

Alessia Moretti (remote)

**12:25-13:00** (25 min with 10 minutes for discussion)

Update on the CGM sub-survey

Nicolas Tejos (remote)

**13:00 - 15:00** Lunch

## FIRST AFTERNOON SESSION

**15:00 - 15:20** (15+5 min discussion)

Determination of galaxy-cluster memberships in the  $5R_{200}$  region of clusters in the S-PLUS footprint

Elismar Losch

**15:20 - 15:40** (15+5 min discussion)

Exploring CHANCES at longer wavelengths

Nattida Samanso

**15:40-16:00** (15 min with 5 minutes discussion)

Characterization of the environment on the CHANCES Low-z subsurvey and its impact on galaxy evolution

Franco Paraino

**16:00-16:30** coffee break

**16:30-17:15**

Update from the simulations working group

Diego Pallero, Rory Smith

**17:15-18:00**

Discussion about exploiting the target catalogues to produce the first CHANCES science papers

**Wednesday**

**09:00-10:00**

Spectroscopic working group updates and discussion  
Lorenzo, Ivan, Giuseppe D'Ago, Alessia Moretti

**10:00-11:00**

CHASPG, How to submit papers through CHANCES and 4MOST  
Paola Merluzzi, Antonela Monachesi

**11:00-11:30** coffee break

**11:30-12:10** (30min+10 min discussion)

SPV preparations and CHANCES SPV experiments  
Emanuela Pompei

**12:10-12:40** (25min +5 min discussion)

ALMA/APEX studies of ram-pressure stripped galaxies  
Alessia Moretti

**12:40-13:00** (15min+5 min discussion)

S-PLUS analysis of the Antlia cluster  
Antonela Monachesi

**13:00 - 15:00** Lunch

**15:00-15:40** (30 min plus 10 min discussion)

The lensing working group  
Umberto Rescigno

**15:40-16:10** coffee break

**16:10-16:30** (15min+5 min discussion)

The environment of cosmic noon analogs  
Vitor Hugo Lopes da Silva

**16:30-17:30**

Discussion about handling the data. Databases and central storage and access to data.  
Diego Pallero, Cristobal Sifon

## Thursday

**09:00-10:00** Bus from Copiapó to Bahia Inglesa

**10:00-11:00** Discussion within groups

**11:00-11:30** visit to CIC

**11:30-13:00** Team-building exercise, getting to know each other

**13:00-13:15** Travel to restaurant

**13:15-15:30** Lunch in Tumorrou restaurant

**15:30-18:00** Beach

**18:00-19:00** Bus returns from Bahia Inglesa to Copiapó via airport

**Friday - start at 09:20**

**09:20-09:40**

**The target selection and photometric preliminary science in Fornax**  
**Analía Smith Castelli**

**09:40-10:00**

**Statistical study of membership of the Fornax galaxy cluster using Legacy data**  
**Juan Pablo Corderon**

**10:00-10:20**

**S-PLUS photometric pipeline**  
**Felipe de Almeida Fernandes**

**10:20-10:40**

**Evaluating Morphological Classification Methods at Different Redshifts**  
**Simon Veliz**

**10:40-11:00**

**Multi-Object Spectroscopic survey of the Massive Galaxy Cluster SMACS J0723.3-7327**  
**Amrutha Belwadi**

**11:00-11:30**

**Coffee break**

**11:30-12:00**

**Identification of X-ray groups around clusters in the Shapley and Horologium superclusters using eROSITA data.**  
**Gustavo Iturra, Felipe Oyarzo, Aparna Nair**

**12:00-13:00**

**Wrap up discussion**