

COLOR GUIDE FOR SESSIONS

TOPIC 1 Observables in Large Scale Structure Analysis, how to link theory and observations?

TOPIC 2 Toolkit for LSS

TOPIC 3 Modified Gravity Models

TOPIC 4 Theory of non linear evolution of perturbations.

TOPIC 5 Dark Energy Models

TOPIC 6 Looking for deviations from LCDM in the context of DESI

TOPIC 3 Role of simulations in analysis of alternative models

Monday 11 May

9:00-10:00	TOPIC 1 Talk Observables in Large Scale Structure Analysis, how to link theory and observations? Shirley, (50 +10)
10:00-10:30	TOPIC 2 Talk 1 TOPIC 2 Toolkit for LSS: Covariance Matrix (sample covariance, analytic estimates), Correlation Function, Bispectrum, Reconstruction, Simulations. Mariana 30min
10:30-11:00	Guided Discussion TOPIC 2: Pipeline for Large Scale Structure Analysis Revisited (Assumptions) (chair Mariana) 30 min
11:00-11:30	break
11:30-12:00	Talk 1 TOPIC 5 Dark Energy Review Dark Energy Models I Axel 30 min
12:00-12:30	Review Dark Energy Models II Tonatiuh 30 min
12:30-13:00	Guided Discussion TOPIC 5: Dark Energy Chair Axel 30 min
13:00-15:00	lunch
15:00-15:30	TOPIC 3 Role of simulations in analysis of alternative models Talk 1 TOPIC 3 Cola Implementation for Alternative Models (Octavio) 30 min
15:30-16:00	Talk 2 TOPIC 3 Simulations of Modified Gravity Models (Jorge) 30 min
16:00-17:00	Guided Discussion TOPIC 3 Mini introduction (Shirley/Octavio) 20 min "Role of simulations in analysis of alternative models" 30 discussion

Monday 11 May

17:00-17:30	Dark matter in the galactic and sub-galactic scales. Alma 25+5
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Tuesday 12 May

9:00 -9:30	Talk 1 TOPIC 6 Review Modified Gravity Javier 30 min
9:30-10:00	Talk 2 TOPIC 6 Review Modified Gravity Jorge 30 min
10:00 10:20	Talk 3 Spherical Collapsed in MG Mario 15 +5
10:20-10:50	Guided Discussion TOPIC 6:Modified Gravity (Chair: Jorge)
11:00-11:30	Talk 1 TOPIC 4 General Relativistic effects on structure formation: the perturbative and the full non-linear regimes. Juan Carlos 25+5 min
1130 -12:00	Talk 2 TOPIC 4 Theory of non linear evolution of perturbations. (Gustavo) 30 min
12:00-1230	Guided Discussion TOPIC 4: Non linear evolution of perturbations (Gustavo) 30 min
12:30 13:00	break
13:00 -14:00	Seminar IAC (Shirley Ho) Observables in Large Scale Structure Analysis, how to link theory and observations? part II Shirley, "How to learn to love the BOSS" 50 +10 min
14:00-1600	lunch
1600-16:30	TOPIC 7 Looking for deviations from LCDM in the context of DESI Talk 1 TOPIC 7 Detectability of Alternative Models with BAO (Mariana) 30 min
16:30-1700	Talk 2 TOPIC 7 Review RSD (Jorge) 30 min
1700-1800	Guided Discussion TOPIC 7 Mini Introduction 20 min (chair Shirley-Jorge) Guided Discussion: how to look for deviations from LCDM in the context of DESI? 40 min discussion

Wednesday 13 May

9:00 10:00	Free Discussions
10:00-11:00	Concluding Remarks (chair Octavio)
11:00 -12:30	Free Discussions
12:30 -13:00	break
1330-1330	Free Discussions
13:30 15:00	Lunch