

Session Program

May 5 – 6, 2022



Ateliers action Dark Energy 2022

Galaxy-halo connection for cosmology

AMU, Amphithéâtre Gastaut (RDC)

AMU, Site du Pharo (bâtiment à gauche du Palais du Pharo) 58 Boulevard Charles Livon 13007 MARSEILLE <https://indico.cern.ch/event/848390/page/18195-venue>

Thu, May 5

2:30 PM

Galaxy-halo connection for cosmology

Session |

Location: AMU, Amphithéâtre Gastaut (RDC), AMU, Site du Pharo (bâtiment à gauche du Palais du Pharo) 58 Boulevard Charles Livon 13007 MARSEILLE <https://indico.cern.ch/event/848390/page/18195-venue>

2:30 – 2:45 PM

Galaxy formation without cosmic variance: exploring the universe through the Sibelius-Dark simulation

Speaker

Guilhem Lavaux

2:45 – 3:00 PM

A 3-parameter SHAM for BOSS, eBOSS and DESI tracers

Speaker

Jiaxi Yu

3:00 – 3:15 PM

HOD study of emission line galaxies (ELGs) in the Dark Energy Spectroscopic Instrument (DESI) data

Speaker

Antoine Rocher

3:15 – 3:30 PM

LyAI-Net: A high-efficiency Lyman- α forest simulation with neural network

Speaker

Chotipan Boonkongkird

3:30 – 4:00 PM

Coffee break

4:00 – 5:00 PM

Discussion

5:00 – 5:30 PM

Review

Speaker

Alexie Leauthaud

5:30 PM