



# COSMO21

## Tuesday, May 21, 2024

### Weak Lensing IV: I: Chair Jia Liu - Arsenal (9:00 AM - 10:25 AM)

time	[id] title	presenter
9:00 AM	[2] Higher Order Statistics vs. Deep learning for lensing cosmology	JAIN, Bhuvnesh
9:45 AM	[20] Cosmic shear analysis of KiDS and DES with higher-order statistics	HARNOIS-DERAPS, Joachim
10:05 AM	[18] Baryons and non-Gaussian statistics in weak lensing cosmology	GRANDON SILVA, Daniela

### Weak Lensing IV: II: Chair Justin Alsing - Arsenal (10:55 AM - 12:15 PM)

time	[id] title	presenter
10:55 AM	[16] Dark Energy Survey Year 3 results: likelihood-free, simulation-based wCDM inference with neural compression of weak-lensing map statistics	JEFFREY, Niall
11:15 AM	[15] Simulation based inference with contrastive learning and persistent homology	PRAT, Judit
11:35 AM	[31] KiDS-SBI: Simulation-Based Inference Analysis of KiDS-1000 Cosmic Shear	VON WIETERSHEIM-KRAMSTA, Maximilian
11:55 AM	[34] Lossless Neural Compression for Weak Lensing Implicit Inference	MAKINEN, T. Lucas

# Thursday, May 23, 2024

## Weak Lensing IV: Chair Chihway Chang - Arsenal (4:55 PM - 5:55 PM)

time	[id] title	presenter
4:55 PM	[42] The interplay between analysis choices in cosmic shear	ROBERTSON, Naomi
5:15 PM	[43] DeepLensing Flow: Score based and flow models for weak lensing statistics	ARMIJO, Joaquin
5:35 PM	[44] Mitigating 3x2pt Systematics: Augmented Photo-z Training Samples and Optimal Tomographic Binning	MOSKOWITZ, Irene