

The 32nd Texas Symposium on Relativistic Astrophysics

Tuesday, December 12, 2023

Gravitational Lensing: 14:00, Tuesday - Hall # 8 (1:40 PM - 3:20 PM)

-Conveners: Alessandro Sonnenfeld

time	[id]	title	presenter
1:40 PM	P02]	Cosmology with Strongly Lensed Supernovae	SUYU, Sherry
2:05 PM	M15]	From cosmic lasagna to space-time spaghetti -- obtaining the least-model-dependent strong gravitational lensing probe	WAGNER, Jenny
2:30 PM	M6]	The “Missing baryons” in the cosmic web—what is it? Where is it? How much?	MA, Yin-Zhe
2:45 PM	M134]	Comparing Characteristic Gravitational Lensing Features in Black Hole Spacetimes of the Plebanski-Demianski Class	FROST, Torben Christian
3:00 PM	M205]	Detecting Strong Gravitational Lensing of Gravitational Waves with TianQin	LIN, Xinyi

Thursday, December 14, 2023

Gravitational Lensing: Thursday - Hall # 9 (3:50 PM - 5:30 PM)

-Conveners: Jun Zhang

time	[id]	title	presenter
3:50 PM	[M200]	Extrasolar planets with gravitaitonal microlensing	Prof. MAO, Shude
4:15 PM	[M212]	Highly Magnified Extragalactic Stars	Prof. DAI, Liang
4:40 PM	[M61]	Strongly Lensed Transient Sources	LIAO, Kai
5:05 PM	[M251]	PEX0: A Global Modeling Framework for Nanosecond Timing, Microarcsecond Astrometry, and $\mu\text{m/s}$ Radial Velocities	FENG, Fabo

Friday, December 15, 2023

Gravitational Lensing: Friday - Hall # 8 (10:50 AM - 12:30 PM)

-Conveners: Pengjie Zhang

time	[id]	title	presenter
10:50	A24 [A17]	SuperBIT balloon-borne telescope	MASSEY, Richard
11:15	A04 [A4]	Weak lensing cosmology beyond two-point shear correlations	Prof. FAN, Zuhui
11:40	A72 [A72]	Seeking Lensing Effects from Counting Galaxies	YU, Yu
11:55	A13 [A13]	Towards precision cosmology ---- systematics removal with Stage III data	YAO, Ji
12:10	P25 [P25]	Quasi-2D Weak Lensing Cosmological Constraints Using the PDF-SYM method	LIU, Zhenjie