

## 地球 2.0 凌星巡天空间卫星科学研讨会

地球 2.0 凌星巡天空间卫星科学研讨会将于 2020 年 10 月 28 日召开，会议详情如下：

**Earth 2.0 Transit Planet Survey Space Mission Science Meeting (28 Oct 2020, China Time)**  
**地球2.0凌星巡天空间卫星科学研讨会 (2020年10月28号, 中国时间)**

<b>Morning Section</b>			
<b>Transit Planet Section</b>	8:00-8:10 am	Zhiqiang Shen (沈志强)	Welcome Remark
	8:10-8:20 am	Doug Lin (林潮)	Exoplanet field overview
	8:20-8:35 am	Jian Ge (葛健)	Introduction to the Earth 2.0 and its status
	8:35-8:50 am	Yanqin Wu (武延庆)	The Earth 2.0 Science
	8:50-9:05 am	Jilin Zhou/Hui Zhang (周济林/张辉)	Overview of transit planet Survey
	9:05-9:17 am	Bo Ma (马波)	Constraining the oblateness of transiting exoplanets using ET
	9:17-9:29 am	Fabo Feng (冯发波)	ET as an exomoon and black hole hunter
	9:29-9:41 am	Yansong Qian (钱岩松)	Sub-Earths, a gen-II population?
	<b>9:41-9:53 am</b>		<b>Break</b>
	9:53-10:05 am	Huigen Liu (刘慧根)	Optimizing the photometry band to reduce the FPP of Kepler/TESS candidates
	10:05-10:15 am	Dali Kong (孔大力)	Non-spherical Thermal Convection in Terrestrial Planets: Intricate Basic State
	10:15-10:27 am	Yinan Zhao (赵一楠)	Transit signal detection with deep learning and GPU computation
<b>Microlensing Planet Section</b> (Chair: Subo Dong)	10:27-10:42 am	Shude Mao (毛淑德)	Overview on microlensing
	10:42-10:57 pm	Weicheng Zang (臧伟呈)	Cold and Free-floating Earth from a Dedicated Microlensing Telescope in ET
	10:57-11:09 pm	Wei Zhu (祝伟)	Synergy between Earth Two Telescope and Chinese Space Station Telescope
<b>Discussion Section</b> (Chair: Hui Zhang)	11:09-12:00 am		<b>Discussions</b>

  

<b>Night Section</b>			
<b>Exoplanet Studies Section</b> (Chair: Jilin Zhou)	8:00-8:12 pm	Jiwei Xie (谢基伟)	Exoplanet Demographics: Comparative (Exo-)Planetology with LAMOST, Gaia, Kepler & TESS
	8:12-8:24 pm	Songhu Wang (王松虎)	Probing the Galactic Planetary Census with Both Space-based and Ground-based Telescopes
	8:24-8:36 pm	Fei Dai (戴飞)	What can we learn from detailed transit modeling: gravity darkening, spot-crossing, planet-planet eclipse etc
	8:36-8:48 pm	Xuesong Wang (王雪松)	Ground-based RV Surveys and Earth 2.0
	8:48-9:00 pm	Jianrong Shi (施建荣)	Progress of the GTC High Resolution Spectrograph
	9:00-9:12 pm	Fan Yang (杨帆)	Joint Survey of the Bandpass Dependent Transit Depths of Exoplanets
	9:12-9:24 pm	Yang Gao (高扬)	Star-Planet Interaction with multi-waveband synergies
	9:24-9:36 pm	Li Rixin (李日新)	Possible Science from the Perspective of Minor Bodies and Protoplanetary Disks
	<b>Planet Theory Section</b> (Chair: Yanqin Wu)	9:36-9:51 pm	Dong Lai (赖东)
9:51-10:03 pm		Yaping Li (李亚苹)	Preservation of Super-Earths in Protoplanetary Disks
10:03-10:15 pm		Liu Beibei (刘倍贝)	Linking planet formation models to the Earth 2.0 observation
<b>10:15-10:27 pm</b>			<b>Break</b>
10:27-10:39 pm		Lin Yufeng	Tidal interactions in exoplanetary systems
10:39-10:51 pm		Deng Hongping	Direct formation of intermediate mass planets via magnetically-controlled fragmentation of protoplanetary disks
10:51-11:03 pm		Gu Pingao (辜品高)	Constraining planet formation models around M dwarfs
11:03-11:15 pm	Man Hoi Lee	Exoplanets in Binary Star Systems	
11:15-11:27 pm	Shuo Huang	Detection and Formation of Solar System 2.0	
<b>Discussion Section</b> Chair (Jiwei Xie)	11:27-12:00 pm		<b>Discussions</b>

**Earth 2.0 Transit Planet Survey Space Mission Science Meeting (29 Oct 2020,China Time)**  
**地球2.0凌星巡天空间卫星科学研讨会 (2020年10月29号,中国时间)**

<b>Morning Section</b>			
<b>Time Domain Science Section</b> (Chair: Tinggui Wang)	8:00-8:15 am	Xuefeng Wu (吴雪峰)	High energy transients
	8:15-8:27 am	Youjun Lu (陆由俊)	Electromagnetic counterparts of Gravitational Wave Events: Mergers of Binary Neutron Stars
	8:27-8:39 am	Zhiping Jin (金志平)	Waiting for kilonova
	8:39-8:51 am	Xiaofeng Wang (王晓锋)	Catching the First Light from the Death of Stars
	8:51-9:03 am	Zhenyi Cai (蔡振翼)	Pursuing time domain AGN science with Earth 2.0
	9:03-9:15 am	Rongfeng Shen (申荣锋)	Search for hidden black holes in detached binary orbits with stars
	9:15-9:27 am	Binbin Zhang (张彬彬)	Searching for Unusual Emissions of Gamma-ray Bursts
	9:27-9:39 am	Boxuan Tan (谭柏轩)	Searching for new pulsar binaries using TESS and Fermi: a new approach
<b>9:39-9:50 am</b>		<b>Break</b>	
<b>Asteroseismology Section</b> (Chair: Shaolan Bi)	9:50-10:05 am	Yan Li (李焱)	Recent progress on asteroseismology
	10:05-10:17 am	Weikai Zong (宗伟凯)	Oscillation mode modulation in pulsating stars
	10:17-10:29 am	Tanda Li (李坦达)	Managing Massive Asteroseismic Data: From Light Curve to Stellar Physics
	10:29-10:41 am	Jianwen Ou (欧建文)	Calibration of exoplanet parameters with asteroseismology
	10:41-10:53 am	Tao Wu (吴涛)	Testing stellar evolution with asteroseismology
	10:53-11:05 am	Yaguang Li (李亚光)	Solar-like oscillations and the Earth 2.0 mission
<b>Discussion Section</b> Chair (Bo Ma)	11:05-12:00 pm	<b>Discussions</b>	

<b>Night Section</b>			
<b>Stellar Astrophysics Section</b> (Chair: Xiaowei Liu)	8:00-8:12 pm	Maosheng Xiang (向茂盛)	Timing the stars: precise stellar age determination in the era of ET2.0
	8:12-8:24 pm	Yuan-Sen Ting (丁源森)	Spectroscopic following-up Earth 2.0 targets with low-resolution spectra
	8:24-8:36 pm	Shenghong Gu (顾盛宏)	Stellar magnetic activity and magnetic interaction between host stars and their planets
	8:36-8:48 pm	Liyun Zhang (张立云)	Magnetic activity of low-mass stars
	8:48-9:00 pm	Xiaobin Zhang (张孝斌)	Asteroseismology of peculiar eclipsing binaries
<b>Habitability and Astrobiology Section</b> (Chair: Chao Liu)	9:00-9:12 pm	Wei Wang (王炜)	The HABITATS project and the required target sample
	9:12-9:24 pm	Tongjie Zhang (张同杰)	SETI in China
	9:24-9:36 pm	Hu Yongyun (胡永云)	The ozone layer over terrestrial exoplanets and biosignature detection
	9:36-9:48 pm	Zhang Xi (张曦)	Characterizing planetary atmospheres and habitability
	9:48-10:00 pm	Jun Yang (杨军)	Transmission Spectra of Tidally Locked Habitable Planets
	10:00-10:12 pm	Peng Jiang (姜鹏)	Microorganisms in Extreme Environments: from Antarctica to Space
<b>10:12-10:25 pm</b>		<b>Break</b>	
<b>Discussion Section</b> (Chair: Jian Ge)	10:25-10:45 pm	Chairs	Summaries from All Science Sections
	10:45-midnight	All	Discussions and Conclusions

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