

NAOC/ISM Spring Science Forum 2020

2020 April 24 (Friday)

Meeting Schedule

(last update: 2020 04 22 - 19:30)

Time			Speaker	Title	Note	
09:30	—	09:40	Prof. Suijian Xue (Deputy Director)	Forum Opening Remarks		
Morning Oral Presentation Section #1 (Chair: Dr. Ningyu Tang)						
09:40	—	10:10	Eswaraiah Chakali	Investigating the importance of magnetic fields in low- and high-mass star forming cores		
10:10	—	10:40	Sean Lake	An Exploration of How Training Set Composition Bias in Machine Learning Affects Identifying Rare Objects		
10:40	—	11:10	Tao-Chung Ching	Fast Observations of the HI Narrow Self-absorption Zeeman Effect		
11:10	—	11:20	Break			
Morning Oral Presentation Section #2 (Chair: Dr. Hui Shi)						
11:20	—	11:50	Chenhui Niu	The new FRBs found in FAST drift scan		
11:50	—	12:20	Mengyao Xue	Southern Pulsar Census and Polarimetric Studies with the MWA		
12:20	—	12:50	Jumei Yao	Interstellar scintillation and 3D spin-velocity alignment in the PSR J0538+2817/SNR S147 system		
12:50		13:00	Break			
Poster Briefing Section (Chair: Dr. Zhiyuan Ren)						
13:00	—	13:20	Di Li	From Carl Sagan to Kardashev		
			Lei Zhang	A Joint Study with FAST and Parkes for PSR J1926-0652		
			Long-Fei Chen	Complex Organic Molecules Formation on Stochastically Heated Grains in Prestellar Cores		
			Hongfeng Wang	Radio Frequency Interference Mitigation using Pseudoinverse Learning AutoEncoders		

			Shen Wang	A Recipe for Deriving Kinetic Temperature from Ammonia Inversion Lines	
			Yan Duan	A Study of the Co-existence of Outflow and Bubble	
			Chao Zhang	The Filament Intersections and Cold Dense Cores in Orion A North	
13:20	—	14:20	Lunch Break		
Afternoon Oral Presentation Section (Chair: Dr. Tao-Chung Ching)					
14:20	—	14:50	Jing Tang	The potential of detecting radio-flaring ultracool dwarfs at L band in the FAST Drift-Scan Survey	
14:50	—	15:20	Kai Zhang	The prediction for the future CRAFTS extra-galactic HI survey	
15:20	—	15:50	Sihan Jiao	The study of inter-arm clouds in M31	
15:50		16:00	Break		
16:00	—	16:40	Discussions		
16:40	—	17:00	Di Li Chao-Wei Tsai	Forum Summary and Closing Remarks	