

Day 1, Nov 4th 2024:			
Time		Program	Speaker
08:15	08:45	Pick up conference materials	
Chair: Stella Ocker			
08:45	09:00	Opening	Saran Poshyachinda, Vikram Ravi
09:00	09:25	Invited talk	Nanda Rea
09:25	09:40	Chasing the Brightest Bursts: Probing the maximum energetics of fast radio bursts through hyperactive repeating sources	Omar Ould-Boukattine
09:40	09:55	CHIME/FRB VLBI Localization of the Repeating FRB 20240209A	Vishwangi Shah
09:55	10:10	Modeling the Cosmic Dispersion Measure in the D<100 Mpc Local Volume	Yuxin Huang
10:10	10:25	Probing the galactic halo of M31 using fast radio bursts	Reshma Anna Thomas
10:25	10:50	Break	
Chair: Joeri van Leeuwen			
10:50	11:15	<i>5 flash talks (3 min each)</i> - The Latest Population of Repeaters from CHIME/FRB - The First FRB Host Galaxies from the First CHIME/FRB Outrigger - The delay time distribution of FRBs - A statistical approach to studying galactic environments of FRBs using galaxy number density - A Novel Search for Supernovae Associated with Fast Radio Bursts	Amanda Cook, Adam Lanman, Yago Ascasibar, Vignesh Vavillakula Venkataramana Rao, Yuxin Dong
11:15	11:30	Uncovering the Preferred Locations of FRBs within Their Host Galaxies	Alexa Gordon
11:30	11:45	Statistical Analysis of Dwarf FRB Hosts Following FRB 20240114A	XiangLei Chen
11:45	12:00	The Massive and Quiescent Elliptical Host Galaxy of the Repeating FRB20240209A	Tarraneh Eftekhari
12:00	12:15	Pinning Down FRB Origins: Constraints on the Magnetar Formation Pathways	Kritti Sharma
12:15	12:30	Searching for Magnetar Binaries Disrupted by Core-Collapse Supernovae	Myles Sherman
12:30	14:00	Lunch	
Chair: Ziggy Pleunis			

	14:00	14:50	<p><i>10 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - A study of giant pulses from PSR J1823–3021A using MeerKAT and their possible connection to the FRBs from globular clusters - Search and Study of Pulsars in Globular Clusters with FAST and MeerKAT - FRB 20180301A – A special repeating source being understood? - FRB 20240114A: the most stringent constraint on the magnetic energy of magnetars as a potential source of FRBs - Measurements of the optical spectral shape of early GRB emission from NUTTeIA-TAO - Constraining faint radio afterglow from FRBs - The origin of magnetars: bridging stellar magnetism and FRBs - Constraints on FRB progenitor models from quasi-periodic millisecond substructure in FRB 20230708A - The nature of the persistent radio source associated with FRB190520B - Probing the intracluster medium with fast radio bursts 	Chien-Chang Ho, Lei Zhang, Rui Luo, Junshuo Zhang, Toktarkhan Komes, Yash Bhusare, Zsolt Keszthelyi, Tyson Dial, Arvind Balasubramanian (pre-recorded), Alvina On (pre-recorded)
	14:50	15:40	Discussion session: Radiation mechanisms and source models: state of theory, predictions, tests	Dongzi Li, Om Gupta, Ziggy Pleunis
	15:40	16:00	Break	
Chair: Reshma Anna-Thomas				
	16:00	16:25	<p><i>5 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - Disentangling the local environment RM of FRBs from the Milky Way foreground using new high density RM grids - Morphology of 137 Fast Radio Bursts down to Microseconds Timescales from The First CHIME/FRB Baseband Catalog - Period search and polarization position Angle jump of FRB 20201124A - A Geometric Neutron Star Model of Repeating and Nonrepeating Fast Radio Bursts - Evidence of a geometric component in rotation measure structure functions 	Ayush Pandhi, Ketan Sand, Jiarui Niu, Ze Nan Liu, Ruinan Li
	16:25	16:50	Invited talk	Lucy Oswald
	16:50	17:05	On the binary-origin of FRBs: rotation measure variation	Fayin Wang
	17:05	17:20	Constraints from PA variability on FRB 20180916B source models	Suryarao Bethapudi
	17:20	17:35	Unusual intra-burst variation of polarization states in fast radio bursts	Apurba Bera
Day 2, Nov 5th 2024:				

Time		Program	Speaker
Chair: Ketan Sand			
09:00	09:25	Invited talk	Kaitlyn Shin
09:25	09:40	The CRAFT incoherent sum survey: results and reflections	Ryan Shannon
09:40	09:55	The Luminosity Distribution of FRBs using the V/Vmax method	Clancy James
09:55	10:10	Exploring Diverse Pathways to Fast Radio Burst Source Formation	Mohit Bhardwaj
10:10	10:25	A slippery slope: calibrating the Macquart Relation for host inclination effects	Adam Deller
10:25	10:50	Break	
Chair: Clancy James			
10:50	11:15	<i>5 flash talks (3 min each)</i> - Probing different halo regimes using Fast Radio Bursts - Digging deep to find the ultra-low-mass host of a repeating FRB source - The true fraction of repeating fast radio bursts revealed through CHIME source count evolution - Populating the Macquart Relation at redshift 1 and beyond - Breaking the baryon density–Hubble constant degeneracy in FRB applications with associated gravitational waves	Ralf Konietzka, Danté Hewitt, Shotaro Yamasaki, Stuart Ryder, Abinash Kumar Shaw (pre-recorded)
11:15	11:30	A comprehensive partition of the Universe's baryons	Liam Connor
11:30	11:45	The FLIMFLAM survey second data release: project status and forecasts	Sunil Simha
11:45	12:00	Investigating the Macquart relation at $z > 0.5$ with a sample of MeerKAT FRBs	Kaustabh Rajwade
12:00	12:15	The latest CRAFT results from a z-DM analysis including DSA and FAST FRBs	Jordan Hoffmann
12:15	12:30	The dispersion measure contribution from the cosmic web	Yin-Zhe Ma
12:30	14:00	Lunch	
Chair: Rui Luo			

	14:00	14:50	<p><i>10 late-breaking talks (3 min each)</i></p> <ul style="list-style-type: none"> - CGM cloud sizes from refractive FRB scattering - The Lowest Luminosity FRB Host Galaxy Discovered to Date - A search for persistent radio sources toward repeating fast radio bursts discovered by CHIME/FRB - The Mystery of a Highly-Dispersed Fast Radio Burst in a Low-Mass Galaxy - Effects of observational cutoff in frequency on fast radio bursts - A sudden dramatic change of magneto-environment of a repeating fast radio burst - Breaking the baryon density–Hubble constant degeneracy in FRB applications with associated gravitational waves - Mapping the foregrounds of DSA-110 FRBs - Uncovering distant FRB hosts with JWST - An FRB originating in a clean environment at $z=1.33$ 	Lluís Mas-Ribas (pre-recorded), August Muller (pre-recorded), Adaeze Lorreta Ibik (pre-recorded), Casey Law (pre-recorded), Chen-Ran Hu, Ye Li, Joscha Jahns-Schindler, Maryam Hussaini, Adam Deller, Vikram Ravi
	14:50	15:40	Discussion session: FRBs probing cosmic baryons: accurate inference, model selection, and overcoming selection+systematic effects	Joscha Jahns-Schindler, Stella Ocker, Yin-Zhe Ma, Sunil Simha
Chair: Yin-Zhe Ma				
	15:40	16:00	Break	
	16:00	16:25	<p><i>5 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - Constraining the Hubble Constant with Scattering in Host Galaxies of Fast Radio Bursts - Understanding the role of energy scale on fundamental constants using fast radio bursts - Searching for Extreme Scattering Events with the DSA-110 - Searching for hidden jewels: optimising FRB detection with sub-banded search techniques - Inferring FRB redshift and energy distributions with CHIME Baseband data 	TsungChing Yang, Surajit Kalita, Jakob Faber, Matteo Trudu, Om Gupta
	16:25	16:50	Invited talk	Sam Ponnada
	16:50	17:05	Probing Baryonic Feedback and Cosmological Tension with Fast Radio Bursts: Insights from CAMELS simulations	Isabel Medlock
	17:05	17:20	Decoding the cosmological baryonic fluctuation by localized fast radio bursts	Tzu-Yin Hsu
	17:20	17:35	Interpreting the Cosmic Baryon Distribution Revealed by FRBs using Simulations and Machine Learning	Khee-Gan Lee
	18:30		Banquet	

Day 3, Nov 6th 2024:			
Time		Program	Speaker
Chair: Ryan Shannon			
09:00	09:25	Invited talk	Bing Zhang
09:25	09:40	Induced Compton scattering of fast radio burst in magnetized electron and positron pair plasma	Rei Nishiura
09:40	09:55	A model for coherent radio emission from ultra-long period magnetars	Alex Cooper
09:55	10:10	The dynamic formation channel of FRBs	Dongzi Li
10:10	10:25	Two studies, one conclusion: FRBs are emitted by young, energetic neutron stars	Joeri van Leeuwen
10:25	10:50	Break	
Chair: Dongzi Li			
10:50	11:15	<i>5 flash talks (3 min each)</i> - Radiative Acceleration and X-ray Spectrum of Outflowing Fireball in Magnetar Bursts - The origin of rotation measure variations and periodic activities for FRB 20180916 - Fast Radio Bursts with Narrow Beaming Angles Can Escape from Magnetar Magnetospheres - Magnetospheric origin of repeating Fast Radio Burst - Magnetospheric origin of Fast Radio Bursts	Tomoki Wada, Zhenyin Zhao, Yu-Chen Huang, Weiyang Wang, Yuanhong Qu
11:15	11:30	FRB lensing: theory and applications	Ue-Li Pen
11:30	11:45	High-resolution insights into FRBs with MeerTRAP's latest discoveries	Inés Pastor-Marazuela
11:45	12:00	Probing FRB – Magnetar connection using low-energy radio bursts	Banshi Lal
12:00	12:15	The average spectrum of CHIME/FRB one-off events with voltage data	Ziggy Pleunis
12:15	12:30	Discovery of a highly active repeating FRB with MeerTRAP	Jun Tian
12:30	14:00	Lunch	
14:00		Excursion	
Day 4, Nov 7th 2024:			

Time		Program	Speaker
Chair: Vic Dong			
09:00	09:25	Invited talk	Steffen Hagstotz
09:25	09:40	Tins, cakes and telescopes: Technology developments for the Coherent All Sky All the time array (CASATTA)	Keith Bannister
09:40	09:55	Current Status of the BURSTT Project	Kai-yang Lin
09:55	10:10	SPOTLIGHT: A Probe of the Fast Radio Transient Sky	Jayanta Roy
10:10	10:25	Radio transient searches with TNRT	Jompoj Wongphechauxsorn
10:25	10:55	Break	
Chair: Andrea Possenti			
10:55	11:15	<i>4 flash talks (3 min each)</i> - FRB science cases with NARIT observational equipment and international collaboration - Deep Learning techniques and bow ties to catch fast radio transients - Classifying FRBs vs RFIs in CHORD - The CHIME/FRB 2nd Catalog	Nobuyuki Sakai, Sergio Belmonte Diaz, Martin Topinka, Seth Siegel
11:15	11:30	EuroFlash: a commensal fast transient search machine for LOFAR2.0	Jason Hessels
11:30	11:45	From Simulation to Discovery: Exploring PATH's Performance and Biases for CHIME/FRB Host Associations and Beyond	Bridget Andersen
11:45	12:00	50-milliarcsecond VLBI localizations with CHIME/FRB Outriggers	Shion Andrew
12:00	12:15	Very-Long-Baseline Interferometry Test of BURSTT Telescope in Taiwan for Sub-Arcsecond Fast Radio Burst Localization	Shih-Hao Wang
12:15	12:30	First result from the CRAFT COherent upgrade (CRACO): Exploring the transient radio sky on millisecond to second timescales	Ziteng Wang
12:30	14:00	Lunch	
Chair: Jayanta Roy			

	14:00	14:50	<p><i>10 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - CRACO FRB Survey: A New Window into Galactic Transient Phenomena - Initial Results and Sensitivity Achievements in Pulse Detection from BURSTT - The BURSTT Outrigger Stations: Localizing Hundreds of FRBs with Sub-0.1 Arcsecond Precision - Exploiting deep learning and GMRT to probe FRBs - Precise Pinpointing of FRBs using ASKAP - Modeling of SPOTLIGHT-discovered FRBs and developing follow-up strategies - A multi-beam FRB detection pipeline with real-time injection for SPOTLIGHT - Bias-corrected Fast Radio Burst Spectra Using CHIME Injection Data - Global Radio Explorer Telescope - Deployment & Initial Results - Results from a pilot survey for second-timescale radio transients with the CHIME telescope 	Vivek Gupta, Sujin Eie, Tomo Goto, Ajay Kumar, Akhil Jaini, Siddhartha Bhattacharyya, Ujjwal Panda, Xianghan Cui, Sashabaw Niedbalski, Sujay Mate
	14:50	15:40	Discussion session: Next-gen observations: instruments, pipelines, follow-up, and collaborations	Tomo Goto, Andrea Possenti, Stuart Ryder
	15:40	16:00	Break	
Chair: Kritti Sharma				
	16:00	16:25	<p><i>5 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - Polarimetric Study of FRB Repeaters using the Nançay Radio Telescope - Long-term monitoring of repeating FRB 20200120E in M81 globular cluster - A pipeline to search for special magneto-active regions near Fast radio bursts - Machine learning classification of baseband CHIME FRBs - Update on ÉCLAT: High cadence monitoring campaign of repeating fast radio bursts with the Nançay Radio Telescope 	Ninisha Manaswini, Weronika Puchalska, Yixuan Shao, Mohanraj Madheshwaran, Jeff Huang
	16:25	16:50	Invited talk	Pei Wang
	16:50	17:05	Multi-wavelength Constraints on the Nature of FRB20240114A	Florian Eppel
	17:05	17:20	A burst cyclone in technicolor	Pavan Uttarkar
	17:20	17:35	Zooming in on the hyperactive repeater FRB 20240114A with high time and spatial resolution	Mark Snelders
Day 5, Nov 8th 2024:				

Time		Program	Speaker
Chair: Inés Pastor-Marazuela			
09:00	09:25	Invited talk	Stella Ocker
09:25	09:40	Microsecond-Scale Morphology & Polarization Analysis of 32 Repeating FRBs with CHIME/FRB	Alice Curtin
09:40	09:55	Two highly scattered FRBs question the applicability of scattering relationships	Joscha Jahns-Schindler
09:55	10:10	Using scintillation to identify the magnetospheric origin of FRB 20221022A	Kenzie Nimmo
10:10	10:45	Break	
Chair: Amanda Cook			
10:45	11:35	<p><i>10 flash talks (3 min each)</i></p> <ul style="list-style-type: none"> - Scintillometry of Fast Radio Bursts - The starquake origin of fast radio bursts - Leptonic Emission Models of X-ray Bursts from SGR J1935+2154 and FRB 20200428 - Measurements of the optical spectral shape of early GRB emission from NUTTeIA-TAO - Hunting for gamma-ray emission from Fast Radio Bursts - Simultaneous observations of an active repeater FRB 20240114A with Lulin One-meter Telescope and FAST - On the Unique FRB-associated X-ray Burst: Inverse Compton Scattering of an FRB by a Magnetar Wind during Magnetosphere Activities - Long-term monitoring of XTE J1810-197 activity with the Toruń radio telescope. - Searching for emission from radio quiet magnetars with Effelsberg UBB and MeerKAT in the time and imaging domain - (late-breaking) A potential detection of PRS associated with FRB 20240114A 	Laura Spitler, Qin Wu, Brandon Cantlay, Marcello Giroletti, Tetsuya Hashimoto, Yue Wu, Marcin Gawroński, Marlon Bause, Yash Bhusare
11:35	12:30	Discussion session: Outreach, communications, state of the field	Matthew Bailes, Di Li
12:30	14:00	Lunch	
Chair: Yago Ascasibar			
14:00	14:15	An active repeating FRB in a clean environment	Yong-Kun Zhang
14:15	14:30	A broadband view of repeating fast radio bursts	Laura Spitler
14:30	14:45	Multi-wavelength constraints on fast radio bursts	Charlie Kilpatrick
14:45	15:00	Unify Repeating and Single-burst FRBs through Evolution	Di Li

			<p><i>5 late breaking talks (3 min each)</i></p> <ul style="list-style-type: none"> - FAST FRB key science project observations - FAST Observations of FRBs: Burst Morphology - The First Detection of Periodic X-ray Emission from a Bright Long-Period Radio Transient - Parametric decay instability of Alfvén wave in magnetically dominated plasma - Coherent Inverse Compton Scattering in Fast Radio Bursts 	Weiwei Zhu, Dejiang Zhou, Ziteng Wang, Wataru Ishizaki, Yuanhong Qu (pre-recorded)
	15:00	15:25		
	15:25	15:40	Summary	
	15:40	16:00	End of the meeting refreshments	