INTERNATIONAL ASTRONOMICAL UNION

Union Astronomique Internationale

Meeting Report: APRIM2026

IAU Asia-Pacific Regional Meeting 2026
APRIM2026

4-8th May 2026
Hong Kong, Hong Kong SAR China

Venue: Hong Kong Convention and Exhibition Centre (HKCEC)

Meeting website: https://aprim2026.org/

Meeting format (in-person, hybrid, online): in-person

Report submitted by: Prof. Quentin Parker, LOC & SOC Chair

Date and place of signature:
Prof. Quentin Parker, LOC & SOC Chair 26th June 2026

Name and signature of the main report author:
Dr. Partha Sarathi Pal, LOC Member, 26th June 2026

1. Executive Summary of the Meeting

Introduction

The 16th Asia-Pacific Regional International Astronomical Union Meeting (APRIM 2026) was successfully held in Hong Kong from May 4-8, 2026. This was the first time the triennial event has been hosted in the city, marking a strategic pivot for Hong Kong and the broader Greater Bay Area (GBA) towards also becoming a hub for the "new space economy and Space Sustainability."

The conference transcended traditional academic boundaries, acting as a platform for high-level government funding announcements and industrial strategy. Key outcomes include the formal positioning of Hong Kong as a potential global arbiter for Space Sustainability and a reaffirmation of the region's role in the Square Kilometer Array (SKA) and Change'7 & 8 and Tianwen-3 Mars missions.

Strategic Context & Participation

APRIM 2026 gathered approximately 470 participants from about 40 countries, including Nobel and Shaw Prize laureates, signifying a high level of intellectual capital. The conference theme was "Science, Cooperation and Friendship – Working Together Across the Asia-Pacific Region within the IAU Framework," and executed extremely well based on strongly positive participant feedback.

Key Scientific & Technical Highlights

The technical program was structured around nine thematic tracks that reflect the current priorities of global and IAU astrophysics (see: https://aprim2026.org/) that included:

a. Facilities of the Future: Significant focus was placed on the Square Kilometer Array (SKA), with dedicated sessions on Radio, mm, and sub-mm astronomy.
b. High-Energy & Transient Astronomy: Extensive discussions were held on Gravitational Wave astronomy, Time Domain astronomy, and Active Galactic Nuclei (AGN), highlighting the shift from static mapping to dynamic, real-time observation of the universe.
c. Planetary Science: Contributions included specific technical presentations on the capabilities of the Australia Telescope National Facility (ATNF), including the Murriyang cryoPAF and ASKAP survey science, as well as preparations for the 2028 Australian eclipse.

Industrial & Economic Implications (The "New Space Economy")

APRIM 2026 also served as a catalyst for economic strategy rather than just a scientific astrophysics meeting. Two specific business and policy points also emerged:

a. **Space Sustainability:** A dedicated parallel meeting on Space Sustainability was partially sponsored by the Chinese Space Utilisation Group (CSU). Given Hong Kong's strengths in common law and IP protection, Professor Quentin Parker (HKU) argued the city can become a "global hub" for managing orbital debris, satellite regulation —a market projected to be integral to the $2 trillion "NewSpace" economy by the mid-2030s.
b. **Direct Government Investment:** The HKSAR government's Permanent Secretary for Innovation, Technology and Industry announced over HK$100 million for six aerospace science projects demonstrating a direct pipeline from local R&D to national deep-space exploration.

Conclusion & Recommendations

APRIM 2026 successfully positioned Hong Kong not merely as a host city, but as a protagonist in the future of space governance. The shift from "Astronomy only" to "Astronomy + Policy + Finance" is complete.

Recommendations for Leadership

a. **Capitalize on "Sustainability":** Immediately explore the establishment of a regional legal and financial framework for Space Debris Mitigation, leveraging the discussions held at APRIM to capture first-mover advantage in this unregulated market.
b. **Deepen Industry-Academia Bridge:** Commercialize the technologies presented at APRIM (e.g., advanced spectrometry, SKA data processing algorithms) by creating specific venture arms to bridge the gap between academia and IAU relevant manufacturing.
c. **Monitor SKA Spin-offs:** As the SKA project advances, monitor the procurement and data analysis needs discussed at the conference for opportunities in high-performance computing and specialized manufacturing.

2. Scientific Highlights

Scientific Highlights from APRIM2026: A Focus on Multi-Messenger Astrophysics, Next-Generation Facilities, and Space Sustainability

The Asia-Pacific Regional IAU Meeting (APRIM2026) in Hong Kong showcased a scientific program that reflected the dynamic and rapidly evolving state of modern astrophysics. The program demonstrated a clear shift towards multi-messenger, time-domain astronomy, leveraging new and upcoming facilities while also addressing the growing challenge of space sustainability. Below are the key scientific highlights drawn from the parallel sessions.

1. The Era of Multi-Messenger and Time-Domain Astronomy

A dominant theme across several sessions was the transition from static observations to capturing the dynamic, transient universe. This was driven by the synergistic use of gravitational wave detectors, neutrino observatories, and traditional electromagnetic telescopes.

Gravitational Wave Astronomy Matures: Sessions on Gravitational Wave Astronomy (A04) highlighted the region's growing role. An invited talk on the "Indian initiative in Gravitational-wave observations and science" (Session 11B) and discussions on "Towards a next-generation gravitational-wave observatory in the Asia-Pacific" (Session 11B) signal a strong regional commitment. Presentations moved beyond detections to physics, including "Measuring recoils of black-hole mergers" (Session 11B) and "Evolutionary study of neutron star deformations for continuous gravitational waves" (Session 12B).

High-Energy Transients as Cosmic Laboratories: The High Energy Astrophysics (A03) sessions were rich with transient phenomena. Highlights included an invited talk on "Gamma-ray bursts, fast X-ray transients, and fast radio bursts" (Session 5B) and multiple sessions on Fast Radio Bursts (FRBs), including "A Unified Evolutionary Picture of FRBs" (Session 11A) and searches for FRBs in globular clusters using FAST (Session 11A).

Connecting Time-Domain Surveys: The dedicated sessions on Astronomical Surveys & Time Domain Astronomy (A07) featured the "Global Open Transient Telescope Array (GOTTA)" for high-cadence observations (Session 15D) and the use of the upcoming Rubin Observatory LSST (Session 17D), highlighting the need for rapid follow-up capabilities across the region.

2. The Golden Age of Facilities: From SKA to JWST to TMT

The conference provided a comprehensive status update on the world's leading and next-generation astronomical facilities, demonstrating their profound impact across all wavelengths.

SKA Takes Center Stage: A dedicated session moderated by the SKA Observatory (Session 9A) provided technical updates on "Commissioning the SKA Telescopes," "Science Verification," and future science capabilities. Later sessions (Sessions 10A, 6A) detailed specific science, such as "So many pulsars discovered by FAST" and preparations for the SKA-VLBI era.

JWST Redefining the Early Universe: The powerful combination of JWST with other facilities was evident in sessions on Galaxies, AGN and the High Redshift Universe (A02). Invited talks on "The First Billion Years with JWST" (Session 5C) and multiple presentations on "High-Redshift Galaxies with JWST" (Session 9C) revealed new insights into cosmic dawn and reionization.

Next-Generation Telescopes on the Horizon: The "Current Larger and Upcoming Astronomical Facilities" (A08) sessions were forward-looking. A keynote on "The Era of Extremely Large Telescopes Approaches" was delivered by Nobel Laureate Prof. Brian Schmidt (Session 2). Further talks included the "Thirty Meter Telescope (TMT)" (Session 19A), China's Space Station Telescope (CSST) (Sessions 17A, 18A), and the "Trans-Pacific Observatory" (Session 19A), showcasing a strong pipeline of powerful new tools.

3. A Novel Focus on Space Sustainability as a Scientific Discipline

A unique and timely highlight of APRIM2026 was the integration of a multi-session conference on Space Debris & Sustainability (A09 SSC2). This moved the topic from a pure policy or engineering concern to a core astrophysical and observational challenge.

Observation and Mitigation: Presentations focused on practical solutions, including "Real-Time Solar Glint Detection" and "Orbit Determination Method for Space Debris" (Session 10E), as well as "Deep learning applied to streak detection" (Session 12E).

Protecting the Skies for Astronomy: Sessions directly addressed the impact of satellite constellations on research, with talks on "Simulating the satellite constellation impact on large radio telescope Arrays" (Session 13E) and "An update on the satellite interference to dark skies" (Session 14E). The idea of a "Global Space Sustainability Hub in Hong Kong SAR" (Session 12E) was proposed, linking scientific observation directly with long-term policy and legal frameworks.

In summary, APRIM2026 presented a vibrant scientific program where cutting-edge results from JWST and FAST sit alongside preparations for SKA and TMT. The conference successfully highlighted the growing importance of time-domain and multi-messenger astronomy while taking the unusual and crucial step of deeply integrating the challenges of space sustainability into the main scientific discourse.

AI was used to provide subsequently vetted material and content for this report at the level of ~50%

3. Scientific Programme

3.1. List of Plenary & Invited Speakers

Name	Affiliation	Country	Talk title
Prof. Brian Schmidt	Australian National University	Australia	Shaw Plenary Talk: The Era of Extremely Large Telescopes Approaches
Prof. Matthew Bailes	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Shaw Plenary Talk: Building Swinburne's Virtual Universe, a 3D immersive space for public education
Prof. Bing Zhang	HKIAA, HKU	Hong Kong SAR	Plenary Talk: Gamma-ray bursts, fast X-ray transients, and fast radio bursts: an exciting era of multi-wavelength, multi-messenger, transient astrophysics
Prof. Hyesung Kang	Pusan National University	South Korea	Plenary Talk: Nonthermal Phenomena at the Largest Scales: Particle Acceleration and Multiwavelength Emissions in Galaxy Clusters
Prof. Ildar Shaikhislamov	Institute of Laser Physics SB RAS	Russia	Plenary Talk: New trends in complex modeling of atmospheres of hot exoplanet
Prof. Luis Ho	Peking University	China	Plenary Talk: Rise of the Giants: Witnessing the Birth of Supermassive Black Holes at Cosmic Dawn
Prof. Matthew Bailes	SWINBURNE UNIVERSITY OF TECHNOLOGY	Australia	Plenary Talk: Pulsar Science with the MeerKAT Radio Telescope and the SKA
Prof. Max Pettini	University of Cambridge	United Kingdom	Plenary Talk: Weighing the Universe with the Lightest Elements
Prof. Michael Mainelli	Z/Yen Group Limited	United Kingdom	Plenary Talk: Junk Bonds, Seriously? Financing the Circular Economy of Space
Prof. Qiang Wang	Center for Space Utilization, CAS	China	Plenary Talk: Progress and Plans for Space Science and Utilization from China Space Station to Cislunar Space
Prof. Sarah Pearce	SKA Observatory	Australia	Plenary Talk: SKA Observatory Update – First light from the next generation of radio telescopes

Name	Affiliation	Country	Talk title
Prof. Shrinivas Kulkarni	California Institute of Technology	United States	Plenary Talk: There is more room sideways
Prof. Tamara Davis	University of Queensland	Australia	Plenary Talk: Dark energy: hints of time-variation?
Prof. Teresa Paneque-Carreno	University of Michigan	United States	Plenary Talk: Storytelling through astronomy: how to go viral and protect our future
Prof. Victoria Kaspi	McGill University	Canada	Plenary Talk: Pulsars, LPTs, FRBs…Oh My! Fun with CHIME and the Radio Sky
Prof. Xuejun Zhang	Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP), CAS	China	Plenary Talk: Advanced Optical Manufacturing Technology of Large-Aperture Aspherical Surfaces
Prof. Yang Gao	Hong Kong University of Science & Technology	Hong Kong SAR	Plenary Talk: AI robotics for sustainable space exploration
Prof. Liu Jing	National Astronomical Observatories	China	Plenary Talk: Introduction to Space Debris Basic Data Platform
Prof. Amanda Karakas	Monash University	Australia	Invited Talk: The role of AGB stars in the origin of the elements
Prof. Archana Pai	IIT Bombay	India	Invited Talk: Highlights of Gravitational Wave Astronomy and transient searches
Dr. Aru Beri	Indian Institute of Astrophysics, Bangalore	India	Invited Talk: Probing Accretion and Jets in the Time Domain: Synergies Between X-ray, Radio, and Optical Facilities
Prof. Changbom Park	Korea Institute for Advanced Study	South Korea	Invited Talk: The Critical Mass in Galaxy Evolution
Prof. Chuck Dickey	TCTB	United States	Invited Talk: TCTB: Resilience, Remediation, and the Institutional Infrastructure of the Orbital Economy
Prof. Ciara McGrath	University of Manchester	United Kingdom	Invited Talk: Visualising a Sustainable Space Future
Prof. David Ruffolo	Mahidol University	Thailand	Invited Talk: Cosmic Rays: Where They Come From and How They Get Here
Prof. Di Li	Tsinghua University	China	Invited Talk: A Unified Evolutionary Picture of FRBs

Name	Affiliation	Country	Talk title
Dorje Angchuk	Indian Institute of Astrophysics	India	Invited Talk: Seeking darkness in a crowded world: Ground-Based Astronomy, Cultural Heritage, and Space Sustainability in Hanle.
Prof. Do-Young Byun	Korea Astronomy and Space Science Institute	South Korea	Invited Talk: Current status and plans of KVN
Prof. Emily Wisnioski	Australian National University	Australia	Invited Talk: A multiphase perspective on the origin of the thin/thick disc dichotomy in galaxies
Dr. Federico Di Vruno	SKA Observatory	United Kingdom	Invited Talk: Developments in the protection of the Dark and Quiet Skies
Prof. Hyosun Kim	Korea Astronomy and Space Science Institute	South Korea	Invited Talk: Dynamical Imprints of Detached Companions in the Late Evolution of Stars
Prof. Hyung Mok Lee	Seoul National University	South Korea	Invited Talk: Current status and future prospects of gravitational wave cosmology
Prof. Jean-Paul Kneib	Ecole Polytechnique Fédérale de Lausanne	Switzerland	Invited Talk:SSC2
Prof. Jungjoo Sohn	Korea National University of Education	South Korea	Invited Talk: Empowering Scientific Reasoning through Astronomy-Based Data Science
Dr. Kaew Samaporn Tinyanont	National Astronomical Research Institute of Thailand	Thailand	Invited Talk: Transients in the Tropics: emerging infrastructure for time-domain astronomy in Thailand
Prof. Hsiang-Yi Karen Yang	National Tsing Hua University	Taiwan	Invited Talk: Cosmic Ray Feedback in the Universe: Fermi Bubbles and Odd Radio Circles
Prof. Karl Glazebrook	Swinburne University of Technology	Australia	Invited Talk: The First Billion Years with JWST
Prof. KOHNO Kotaro	University of Tokyo	Japan	Invited Talk: Tracing Hidden Baryon Cycles and Chemical Enrichment Across Cosmic Time: From Cosmic Fluorine to Dust-Obscured Galaxies
Prof. Kuntal Misra	Aryabhatta Research Institute of observational sciencES	India	Invited Talk: Watching the Time-Domain Sky with Indian Observatories

Name	Affiliation	Country	Talk title
Prof. Laurent Loinard	Universidad Nacional Autonoma de Mexico	Mexico	Invited Talk: Multi-epoch Event Horizon Telescope observations of M87
Prof. Licai Deng	National Astronomical Observatories, CAS	China	Invited Talk: A01
Prof. Lister Staveley-Smith	ICRAR/UWA	Australia	Invited Talk: ASKAP-FAST-SKA-mid synergies
Prof. Masaki Ando	University of Tokyo	Japan	Invited Talk: DECIGO and B-DECIGO: a Space Gravitational-Wave Observatory for Multimessenger Astronomy
Prof. Moo-Young Chun	Korea Astronomy and Space science Institute	South Korea	Invited Talk: Ground-based Optical Astronomy in South Korea : Past, present, and future
Prof. Nagayoshi Ohashi	ASIAA	Taiwan	Invited Talk: Probing Star- and Planet-Forming Regions at Millimeter and Submillimeter Wavelengths
Prof. Nami Sakai	RIKEN	Japan	Invited Talk: Revisiting Molecular Spectroscopy in the Era of ALMA WSU
Dr. Nan Li	National Astronomical Observatories, Chinese Academy of Sciences	China	Invited Talk: The First Citizen Science Platform for Astronomy in China and the Future
Prof. Nicha Leethochawalit	National Astronomical Research Institute of Thailand	Thailand	Invited Talk: UV Galaxy Luminosity Functions at high redshifts: Bright Ends and Beyond
Prof. Pak Hin Tam	Sun Yat-sen University	China	Invited Talk: Resolving the mystery of PeV cosmic-rays using the LHAASO experiment
Prof. Paul Lasky	Monash University	Australia	Invited Talk: Towards a next-generation gravitational-wave observatory in the Asia-Pacific
Prof. Peter Martinez	Secure World Foundation	United States	Invited Talk: Challenges for ensuring the security, safety and sustainability of outer space activities
Prof. Shuang-Nan Zhang	Institute of High Energy Physics	China	Invited Talk: In-Depth Exploration of the Extreme Universe
Prof. Quentin Parker	Laboratory for Space Research, HKU	Hong Kong SAR	Invited Talk: An NGO to manage the proposed Global Space Sustainability Hub in Hong Kong SAR

Name	Affiliation	Country	Talk title
Prof. Sun Kwok	University of British Columbia	Canada	Invited Talk: Planetary nebulae research: past, present, and future
Prof. Supachai Awiphan	National Astronomical Research Institute of Thailand	Thailand	Invited Talk: Exoplanet Research in Thailand through Global Collaboration
Prof. Tarun Souradeep	Raman Research Institute	India	Invited Talk: Indian initiative in Gravitational-wave observations and science
Prof. Taufiq Hidayat	Bosscha Observatory and Astronomy Research Division, ITB	Indonesia	Invited Talk: Recent Development of a VLBI Radio Telescope at Bosscha Observatory and the Future VLBI Networking in Southeast Asia Countries
Prof. Thi Tuyet Nhung Pham	Vietnam National Space Center (VNSC/VAST)	Viet Nam	Invited Talk: On pulsating AGB stars
Prof. Tie Liu	Shanghai Astronomical Observatory, CAS	China	Invited Talk: The ALMA-ATOMS/QUARKS survey: what we have learned about the formation and evolution of high-mass proto-clusters
Prof. Tirthankar Roy Choudhury	National Centre for Radio Astrophysics, Pune, India	India	Invited Talk: Galaxies and the Intergalactic Medium at Cosmic Dawn
Prof. Valentin Uvarov	RESEARCH CENTER FOR SPACE ECONOMY AND POLICY	Russia	Invited Talk: International approaches and models of training personnel in the social and humanitarian fields in the context of a multidisciplinary approach to the development of the space sustainability
Prof. Wako Aoki	National Astronomical Observatory of Japan	Japan	Invited Talk: Thirty Meter Telescope (TMT)
Prof. Weimin Yuan	National Astronomical Observatories, Chinese Academy of Sciences	China	Invited Talk: Exploring the dynamic X-ray universe with Einstein Probe
Prof. Wen-Ping Chen	National Central University	Taiwan	Invited Talk: Bootstrapping Time-Domain Astronomy with the Trans-Pacific 2-m Telescope: Synergy with the LSST

Name	Affiliation	Country	Talk title
Prof. Xuelei Chen	National Astronomical Observatories, Chinese Academy of Science	China	Invited Talk: Discovering the Sky at Longest wavelength with a lunar orbit interferometer array
Prof. Yashwant Gupta	National Centre for Radio Astrophysics	India	Invited Talk: Radio Astronomy highlights from India : from the GMRT to the SKA, some interesting new results
Prof. You-Hua Chu	National Sun Yat-sen University	Taiwan	Invited Talk: Circumstellar Nebulae as Diagnostics of Mass Loss along Stellar Evolution
Prof. Yuri Aikawa	Graduate School of Science, University of Tokyo	Japan	Invited Talk: Physical and chemical structure of disks around low-mass young stellar objects

3.2. Programme

https://easychair.org/smart-program/APRIM2026/

2026 Asia Pacific Regional IAU Meeting
Program Outline
Hong Kong Convention & Exhibition Centre, Hong Kong SAR China

4-May (Monday)	Time	Convention Hall - ABC	Theatre-1	Theatre-2	Convention Hall - A	Convention Hall - C
Session 1	9:00-10:30	Opening Ceremony				
Session 2	11:00-12:30	Shaw Prize Session				
Session 3	14:00-15:30	A08	A03	A02	A05	A09 SSC2
Session 4	16:00-18:00	A08	A03	A02	A05	A09 SSC2
5-May (Tuesday)	Time	Convention Hall - B	Theatre-1	Theatre-2	Convention Hall - A	Convention Hall - C
Session 1	9:00-10:30	A06	A03	A02	A01	A09 SSC2-CSU
Session 2	11:00-12:30	A06	A03	A02	A01	A09 SSC2-CSU
Session 3	14:00-15:30	A06 SKAO	A03	A02	A01	A09 SSC2
Session 4	16:00-18:00	A06 SKAO	A03	A02	A01	A09 SSC2
Harbour Cruise and Conference Dinner						
6-May (Wednesday)	Time	Convention Hall - B	Theatre-1	Theatre-2	Convention Hall - A	Convention Hall - C
Session 1	9:00-10:30	A06	A04	A02	A01	A09 SSC2
Session 2	11:00-12:30	A06	A04	A02	A01	A09 SSC2
Session 3	14:00-15:30					A09 SSC2
Session 4	16:00-18:00					A09 SSC2
7-May (Thursday)	Time	Convention Hall - B	Theatre-1	Theatre-2	Convention Hall - A	Convention Hall - C
Session 1	9:00-10:30	A06	A03	A02	A07	A05
Session 2	11:00-12:30	A06	A03	A02	A07	A05
Session 3	14:00-15:30	A08	A03	A02	A07	A05
Session 4	16:00-18:00	A08	A03	A02	A07	A05
Shirley Choi Music Concert						
8-May (Friday)	Time	Convention Hall - B	Theatre-1	Theatre-2	Convention Hall - A	Convention Hall - C

Sunday, May 3rd		
19:00-21:00	Welcome Reception	
Monday, May 4th		
08:00-09:45	Session 1: Opening Ceremony (chair: Quentin Parker)	
09:45-10:30	Session 2: Shaw Plenary Lecture (chair: Quentin Parker)	
09:45-10:30	8120	Brian Schmidt. Plenary Talk: The Era of Extremely Large Telescopes Approaches
10:30-11:00	Session: Coffee Break & Poster Session	
11:00-11:45	Session 3: Shaw Plenary Lecture(chair: Quentin Parker)	
11:00-11:45	s9	Matthew Bailes. Plenary Talk: Building Swinburne's Virtual Universe, a 3D immersive space for public education
11:45-12:30	Session 4: Panel discussion(chair: Quentin Parker)	
12:30-14:00	Session: Lunch Break	
14:00-15:30	Session 5A: Parallel Session (A08)(chair: Suijian Xue)	
14:00-14:40	9585	Xuejun Zhang, Lingtong Zhang and Longxiang Li. Plenary Talk: Advanced Optical Manufacturing Technology of Large-Aperture Aspherical Surfaces
14:40-15:05	2323	Moo-Young Chun. Invited Talk: Ground-based Optical Astronomy in South Korea : Past, present, and future
15:05-15:20	0245	Satoshi Miyazaki. Current Status of Subaru Telescope and its future plans
15:20-15:35	1366	Boonrucksar Soonthornthum. Toward Sustainable Capacity Building in Science and Engineering for Lunar and Deep Space Exploration in Thailand.
14:00-15:30	Session 5B: Parallel Session (A03)(chair: David Ruffolo)	

14:00-14:40	8182	Bing Zhang. Plenary Talk: Gamma-ray bursts, fast X-ray transients, and fast radio bursts: an exciting era of multi-wavelength, multi-messenger, transient astrophysics
14:40-14:55	0561	Yuan K Ha. New Properties of the Kerr Black Hole in the 21st Century
14:55-15:10	0167	Jinping Zhu and Bing Zhang. Magnetar Engines in Broad-lined Type Ic Supernovae and a Unified Progenitor Model for Pulsar-aided and Magnetar-powered Supernovae
15:10-15:25	5358	Jiawen Li and Xinwu Cao. Large-scale Magnetic Field and Magnetically Driven Outflow in Black Hole Accretion Systems
14:00-15:30	Session 5C: Parallel session (A02)(chair: Kotaro Kohno)	
14:00-14:40	2031	Max Pettini. Plenary Talk: Weighing the Universe with the Lightest Elements
14:40-15:05	6724	Karl Glazebrook. Invited Talk: The First Billion Years with JWST
15:05-15:20	1475	Shuang-Nan Zhang. In-Depth Exploration of the Extreme Universe
15:20-15:35	7288	Vivian U, Justin Kader and Loreto Barcos Muñoz. A precessing radio jet drives super-heated gas outflow from a disk galaxy
14:00-15:30	Session 5D: Parallel Session (A05)(chair: You-Hua Chu)	
14:00-14:40	1350	I. F. Shaikhislamov, D. V. Bisikalo, M. S. Rumenskikh, G. N. Tsurikov, I. B. Miroshnichenko, S. S. Sharipov, M. P. Golubovsky and A. G. Berezutsky. Plenary Talk: New trends in complex modeling of atmospheres of hot exoplanet
14:40-15:05	9093	Supachai Awiphan, Eamonn Kerins, Napaporn A-Thano, Ing-Guey Jiang and Yogesh Joshi. Invited Talk: Exoplanet Research in Thailand through Global Collaboration
15:05-15:20	0648	Syed Hasan, Priya Shah and Ibtesam Shaikh. A possible mechanism for the formation and existence of out-of-plane exoplanets
15:20-15:35	8781	Patcharawee Munsaket, Supachai Awiphan, Poemwai Chainakun Chainakun, Eamonn Kerins and Napaporn A-Thano. A machine learning-based alternative method for exoplanet atmospheric retrieval
14:00-15:30	Session 5E: Parallel Meeting (A09 SSC2)(chair: Valentin Uvarov)	
14:00-14:10	s19	Aarti Holla-Maini. Opening Video Address

14:10-14:25	2273	Qiang Wang. Plenary Talk: Progress and Plans for Space Science and Utilization from China Space Station to Cislunar Space
14:25-14:30	s39	Quentin Parker. Formal launch of new STEP journal under Scilight Press
14:30-14:35	s40	Quentin Parker. Formal launch of new NGO S3+1
14:35-15:15	5030	Michael Mainelli. Plenary Talk: Junk Bonds, Seriously? Financing the Circular Economy of Space
15:30-16:00	Session: Coffee Break & Poster Session	
16:00-18:00	Session 6A: Parallel Session (A08)(chair: Suijian Xue)	
16:00-16:25	4522	Xuelei Chen. Invited Talk: Discovering the Sky at Longest wavelength with a lunar orbit interferometer array
16:25-16:50	7936	Do-Young Byun. Invited Talk: Current status and plans of KVN
16:50-17:05	3094	Longxiang Li, Donglin Xue, Lingtong Zhang and Xuejun Zhang. Optical manufacturing technologies based on industrial robots
17:05-17:20	9135	Daisaku Nogami. Optical and Infrared Synergetic Telescopes for Education and Research (OISTER)
17:20-17:35	8199	Andrey Shugarov, Boris Shustov and Mikhail Sachkov. Status of the Spektr–UF Project
17:35-17:50	5013	Jinlin Han. So many pulsars discovered by FAST: What's new?
16:00-18:00	Session 6B: Parallel Session (A03)(chair: David Ruffolo)	
16:00-16:40	3837	Hyesung Kang. Plenary Talk: Nonthermal Phenomena at the Largest Scales: Particle Acceleration and Multiwavelength Emissions in Galaxy Clusters
16:40-16:55	6397	Dongsu Ryu, Hyesung Kang and Jeongbhin Seo. Ultrahigh-Energy Cosmic Rays from Local Radio Galaxies
16:55-17:10	7683	Pradip Kumar Chattopadhyay. Mass-radius prediction of compact stars as well as lighter objects of GW events GW 170817 and GW 190814 using CFL equation of state with QCD correction factor
17:10-17:25	8490	Lijing Shao. Bayesian ringdown analysis and tests of charged black holes

17:25-17:40	3605	Harshita and Gorakh Nath. Self-similar solution using group invariance method for shock wave in rotating self-gravitating ideal gas with magnetic field.
17:40-17:55	5695	Soumya Gupta and Sunder Sahayanathan. Are Single-Zone Thermal or Non-Thermal Emission Models sifficient to explain the GRBs prompt phase?
16:00-18:00	Session 6C: Parallel Session (A02)(chair: Kotaro Kohno)	
16:00-16:15	8373	Huanqing Chen. Quasar Pairs at z>5: Windows into Early SMBH Growth and the Cosmic Environment
16:15-16:30	6414	Xue-Bing Wu, Yuming Fu, Su Yao and Feige Wang. Quasar surveys in China and two million quasar candidate selections
16:30-16:45	6832	Yongming Liang. Cosmic Himalayas: A Record Quasar Concentration at Cosmic Noon Bridging AGNs, Galaxies, and IGM
16:45-17:00	4786	Hiroyuki Ikeda. A New Color Selection for Red Quasars in the COSMOS Field
17:00-17:15	2732	Tsang Keung Chan, Xiaoyuan Yang, Haina Huang and Jonathan Tang. Simulating Gas and Dark Matter in the cosmic dawn and epoch of reionization
17:15-17:30	2696	Sung Kei Li. Extremely magnified stars as a probe of star formation properties in distant galaxies
17:30-17:45	2644	Hanwen Sun. The Bigfoot: Panoramic JWST census of a Coma cluster progenitor at z = 3.98 and its cosmological implication
16:00-18:00	Session 6D: Parallel Session (A05)(chair: You-Hua Chu)	
16:00-16:25	0280	Amanda Karakas. Invited Talk: The role of AGB stars in the origin of the elements
16:25-16:40	4476	Poulomi Palit and Asoke Kumar Sen. Comparative Analysis of Two Bidirectional Reflectance Models for Asteroid Regolith Analogue Surface
16:40-16:55	4121	Jessy Jose. How Outer–Galaxy Environmental Conditions Shape Star Formation in the Milky Way?
16:55-17:10	7287	Changqing Luo. A born ultramassive white dwarf-hot subdwarf super-Chandrasekhar candidate
17:10-17:25	4053	Alexandre Gallenne. High-pecision mass and distance of stars

17:25-17:40	0997	Po-Sheng Ou and Ke-Jung Chen. Why Do Stars Turn Red?
17:40-17:55	2011	Blesson Mathew, Arun Roy, Shridharan Bhaskaran, Nidhi Sabu and Sreeja Kartha. Bridging the gap: Accretion, feedback, and disk dispersal in Intermediate-mass young stars
16:00-18:00	Session 6E: Parallel Meeting (A09 SSC2)(chair: Valentin Uvarov)	
16:00-16:25	7316	Chuck Dickey. Invited Talk: TCTB: Resilience, Remediation, and the Institutional Infrastructure of the Orbital Economy
16:25-16:40	2124	Bo Ren. Space Data Service Based on AOE
16:40-16:55	9847	Rachita Agrawal. Outer Space as a Strategic Frontier: A Study on Asia-Pacific Policies and Politics
16:55-17:10	0738	David Chew. The Satellite Operators' Dilemma: To Maneuver or Not to Maneuver
Tuesday, May 5th		
09:00-10:30	Session 7A: Parallel Session (A06)(chair: Yashwant Gupta)	
09:00-09:40	1886	Sarah Pearce. Plenary Talk: SKA Observatory Update – First light from the next generation of radio telescopes
09:40-10:20	1448	Matthew Bailes. Plenary Talk: Pulsar Science with the MeerKAT Radio Telescope and the SKA
10:20-10:35	0775	Lister Staveley-Smith. The Murriyang cryogenic phased array
09:00-10:30	Session 7B: Parallel Session (A03)(chair: Laurent Loinard)	
09:00-09:40	s2	Victoria Kaspi. Plenary Talk: Pulsars, LPTs, FRBs…Oh My! Fun with CHIME and the Radio Sky
09:40-10:05	9974	Weimin Yuan. Invited Talk: Exploring the dynamic X-ray universe with Einstein Probe
10:05-10:20	6769	Yi-Han Iris Yin. Minutes-long soft X-ray prompt emission from a compact object merger
10:20-10:35	7451	Shu Zhang. Exploring XRB with Insight-HXMT

09:00-10:30	Session 7C: Parallel Session (A02)(chair: Emily Wisnioski)	
09:00-09:40	2745	Luis Ho. Plenary Talk: Rise of the Giants: Witnessing the Birth of Supermassive Black Holes at Cosmic Dawn
09:40-10:05	3951	Tirthankar Roy Choudhury. Invited Talk: Galaxies and the Intergalactic Medium at Cosmic Dawn
10:05-10:20	0117	Yuanqi Liu and Tao An. VLBI Identification of a Wandering Black Hole in a Dwarf Galaxy
10:20-10:35	0322	Yuxuan Wu, Tao Wang and Daizhong Liu. Overmassive Black holes live in compact galaxies in the early Universe
09:00-10:30	Session 7D: Parallel Session (A01)(chair: Boonrucksar Soonthornthum)	
09:00-09:40	s14	Teresa Paneque. Plenary Talk: Storytelling through astronomy: how to go viral and protect our future
09:40-10:05	6023	Jungjoo Sohn, In-yeop Jeon, Hyun-ah Cho, Jae-hee Choi and Chang-Hyun Yoo. Invited Talk: Empowering Scientific Reasoning through Astronomy-Based Data Science
10:05-10:20	5802	Andrew Yen and Saeed Salimpour. Connecting the Universe - International cooperation in robotic telescopes for research education
10:20-10:35	7125	Jayanta Acharya. Educating astronomy for girls student in Nepal
09:00-10:30	Session 7E: Parallel Session (A09 SSC2-CSU)(chair: Ciara McGrath)	
10:30-11:00	Session: Coffee Break & Poster Session	
11:00-12:30	Session 8A: Parallel Session (A06)(chair: Yashwant Gupta)	
11:00-11:25	5603	Taufiq Hidayat, Jinling Li and Hesti Wulandari. Invited Talk: Recent Development of a VLBI Radio Telescope at Bosscha Observatory and the Future VLBI Networking in Southeast Asia Countries
11:25-11:40	3701	Liyong Liu. Water Vapor Monitoring at Ali Observatory: Characterizing an Exceptional Millimeter/Submillimeter Wave Astronomy Site
11:40-11:55	5095	Wu Jiang and Zhiqiang Shen. Updating Chinese VLBI Network with incorporating new big dishes and new technology

11:55-12:10	8430	Samuel Lai, Nithyanandan Thyagarajan, O. Ivy Wong and Foivos Diakogiannis. Independent Imaging of Very-long Baseline Interferometric Observations from the Event Horizon Telescope using Conditional Diffusion
12:10-12:25	3177	Xiaopeng Cheng, Bong Won Sohn, Jun Yang, Ranieri Diego Baldi, David Williams-Baldwin, Willem Baan and Tao An. From Nearby Faint AGNs to a Dormant SMBH: VLBI Studies toward the SKA-VLBI Era
12:25-12:40	6016	Adipol Phosrisom. SKA-Era Spider Pulsars: Optical Discovery of the Fastest-Spinning and Heaviest Neutron Stars
11:00-12:30	Session 8B: Parallel Session (A03)(chair: Laurent Loinard)	
11:00-11:25	4533	Aru Beri. Invited Talk: Probing Accretion and Jets in the Time Domain: Synergies Between X-ray, Radio, and Optical Facilities
11:25-11:40	0554	Ruchika Dhaka, Prof. Ranjeev Misra, Prof. Pankaj Jain and Prof. Js Yadav. Connecting QPO Frequencies with Accretion Flow Properties in GRS 1915+105
11:40-11:55	3718	Haisheng Zhao and Ying Tan. Observations of lightning-induced electron precipitation by Insight-HXMT satellite
11:55-12:10	5049	Xiangxiang Wang and Jumpei Takata. Cataclysmic variable candidates identified in eROSITA-DE DR1, XMM-Newton, Swift, and ROSAT catalogs
12:10-12:25	4591	Bojing Zhu, Wu Wang and Yongbing Li. Multi-component-isotope-abundance SEPs acceleration: A model driven by coupled fractal turbulence MR and hydrodynamic-magnetodynamic-kinetic evolution across diverse ionization
11:00-12:30	Session 8C: Parallel Session (A02)(chair: Emily Wisnioski)	
11:00-11:15	5215	Haifeng Wang, Guanyu Wang and Giovanni Carraro. Towards Understanding the Milky Way's Matter Field and Dynamical Accretion History
11:15-11:30	1684	Yuanqi Liu, Tao An and Luca Ighina. Exploring the Diversity of High-Redshift AGN Radio Activity
11:30-11:45	5934	Rommulus Lewis, Amruth Alfred and Jeremy Lim. Unveiling the Imperfections in Perfect External Shear Gravitational Lens Models
11:45-12:00	9523	Maria Garcia-Alvarado, Stuart Wyithe, Yuxiang Qin and Kathryn Grasha. Determining properties of high redshift galaxies through emission lines
12:00-12:15	9179	Monserrat Martinez-Marin and Rodrigo Herrera-Camus. Beyond BPT: A Phylogenetic Classification Scheme for Galaxies Across Cosmic Time and Little Red Dots

12:15-12:30	3785	Vibhore Negi. Metallicity radial profiles in star-forming galaxies and active galactic nuclei
11:00-12:30	Session 8D: Parallel Session (A01)(chair: Boonrucksar Soonthornthum)	
11:00-11:25	9310	Nan Li, Shanshan Li, Peng Jia and Chenzhou Cui. Invited Talk: The First Citizen Science Platform for Astronomy in China and the Future
11:25-11:40	2636	Sze-Leung Cheung. Bridging the Gap: Translating IAU Global Outreach Strategies into Local Impact in Hong Kong
11:40-11:55	9281	Aran Lyo, Hoseop Yoon, Jungjoo Sohn and Changbom Park. Astronomy Outreach in Cambodia: Building a Sustainable Educational Framework
11:55-12:10	7935	Hesti Wulandari. Safeguarding a Century-Old Bosscha Observatory: Light Pollution, Heritage Protection, Community-Based Strategies
12:10-12:25	3055	Aruna Devi Tm. MissionMaker - Design,Execute and Simulate Space
12:25-12:35	s41	K C Leung. TSL grp talk
11:00-12:30	Session 8E: Parallel Session (A09 SSC2-CSU)(chair: Ciara McGrath)	
12:30-14:00	Session: Lunch Break	
14:00-15:30	Session 9A: Parallel Session (A06 SKAO)(chair: Naomi McClure-Griffiths)	
14:00-14:25	0012	Xiang Zhang and George Heald. Commissioning the SKA Telescopes - Advancing toward Science
14:25-14:40	2424	Shari Breen. Science Verification Overview
14:40-14:55	2381	Jimi Green. Preparing for SKA-Low Science Verification
14:55-15:10	5825	Sarrvesh Seethapuram Sridhar. Science Capabilities of the SKA Telescopes and User Tools
15:10-15:25	9860	Christina Smith. The SKA Helpdesk and User Support
14:00-15:30	Session 9B: Parallel Session (A03)(chair: Masaki Ando)	

14:00-14:25	4916	Hsiang-Yi Karen Yang. Invited Talk: Cosmic Ray Feedback in the Universe: Fermi Bubbles and Odd Radio Circles
14:25-14:40	9652	Hyesung Kang, Dongsu Ryu and Jeongbhin Seo. Shocks and Radio Emission in Idealized Binary Cluster Mergers
14:40-14:55	1278	Mohit Bhardwaj. Linking Local-Universe Constraints to the Origins of Fast Radio Bursts: Host Galaxies, Progenitor Pathways, and the Road Ahead
14:55-15:10	5858	Snehasish Bhattacharjee and Yen-Chen Pan. The Ultraviolet Spectra of 2003fg-like Type Ia Supernovae
15:10-15:25	0002	James Leung, Luca Izzo, Sam Lakerdas-Gayle and Maria Drout. A triple hump radio light curve in an extraordinary type Ic-BL supernova
14:00-15:30	Session 9C: Parallel Session (A02)(chair: Nicha Leethochawalit)	
14:00-14:15	7323	Sreeja Sudarsanan Kartha, Ujjwal Krishnan, Akhil Krishna R and Blesson Mathew. Tracing the star formation across cosmic environments with UVIT on AstroSat
14:15-14:30	8362	Yuxiang Qin. Unveiling the Nature of High-Redshift Galaxies with JWST: Challenges and Insights from Theory and Simulations
14:30-14:45	5189	Sanjaya Paudel. Deep-Learning-Assisted Large-Scale Distribution of Dwarf Elliptical Galaxies in the Virgo Cluster
14:45-15:00	2094	Kaustubh Rajesh Gupta, Glenn Kacprzak and Tania Barone. Gravitational lensing reveals spatially-resolved metal-rich gas flows in the circumgalactic medium of a z~0.86 galaxy
15:00-15:15	4164	Yuguang Chen and Zhuo Cheng. Precision Nebular Astrophysics with CIRAAS
15:15-15:30	0808	Kyle Finner, Bomee Lee and Ranga-Ram Chary. Mass mapping and overdensity characterization using near-IR weak-lensing measurements in the CANDELS Fields
14:00-15:30	Session 9D: Parallel Session (A01)(chair: Jungjoo Sohn)	
14:00-14:25	s25	Licai Deng. invited (A01)
14:25-14:40	3457	Guosheng Yin. A brief history of black holes
14:40-14:55	5006	Zhongyue Chen, Yingjun Yuan, Jingguo Dai, Xiaoyu Tang, Yang Huang, Xiaodian Chen, A-Li Luo, Chiye Li, Jifeng Liu, Yongfu Hao, Junhui Shi and Guirong Xue. OneAstronomy: A Multimodal Foundation Model for Astronomical Research

14:55-15:10	5131	Roslan Umar and Hilman Shahmeer Mohamed Azmi. Enhancing Astronomy Education Through Hybrid Learning: Interactive AL-KAHF Card Game with Augmented Reality
15:10-15:25	5166	Fumi Yoshida, Tsutomu Hayamizu, Hayato Watanabe, Hiroshi Akitaya, Kazuhisa Miyashita, Hirotomo Noda, Mitsuru Sôma, Chilong Lin, Ye Yuan, Wai-Chun Yue, Toshihiro Horaguchi, Kenta Kono, Hisashi Kasebe, Hiroshi Kishimoto, Hidehito Yamamura and David Dunham. Astronomical education through observations of asteroid occultations
14:00-15:30	Session 9E: Parallel Meeting (A09 SSC2)(chair: Quentin Parker)	
14:00-14:40	3398	Yang Gao. Plenary Talk: AI robotics for sustainable space exploration
14:40-15:05	6918	Valentin Uvarov and Evgeniy Tetarchenko. Invited Talk: International approaches and models of training personnel in the social and humanitarian fields in the context of a multidisciplinary approach to the development of the space sustainability
15:05-15:20	0216	Gulchehra Kokhirova. SOME RESULTS OF SPACE DEBRIS' INVESTIGATIONS IN TAJIKISTAN
15:20-15:35	6652	Xu Yang. Introduction to the National Standard GB/T 45740—2025: Space Debris Collision Warning Technical Requirements
15:30-16:00	Session: Coffee Break & Poster Session	
16:00-18:00	Session 10A: Parallel Session (A06 SKAO)(chair: Jimi Green)	
16:00-16:15	9683	Nichol Cunningham. Planning towards Science Delivery within the SRCNet
16:15-16:30	8860	Mengyao Xue and Qiuyang Fu. Effectively processing SKA-low precursor pulsar search data in China and an SRCNet pulsar demonstration
16:30-16:45	0667	Naomi McClure-Griffiths. An overview and pathway to SKA Science
16:45-17:00	s34	Chao Zhang. High Energy Cosmic Particles
17:00-17:15	s35	Hiroshi Imai. Cosmic Magnetism
17:15-17:30	s36	Elizabeth Mahony. Hydrogen & Galaxy Evolution
17:30-17:45	s37	Xuelei Chen. Cosmology

16:00-18:00	Session 10B: Parallel Session (A03)(chair: Masaki Ando)	
16:00-16:15	1006	Stephen Ng. Multiwavelength Observations of Pulsar Wind Nebulae
16:15-16:30	1870	Partha Sarathi Pal, Xiao-Qing Liang, Pak-Hin Thomas Tam, Rishank Diwan and Wenjun Huang. Searching for Spider-Like Pulsars from TESS Ellipsoidal Lightcurves with X-ray counterparts
16:30-16:45	5892	Rai Yuen. Simulation of the off-pulse fractions in nulling pulsars and RRATs with segmented emission regions
16:45-17:00	0733	Jiaxin Liu and Jumpei Takata. Investigation for Binary Characteristics of LS I + 61°303 with Optical Polarization
17:00-17:15	7639	Lei Zhang. Pulsed radio emission from a Central Compact Object
17:15-17:30	8101	Amarnath and Yogesh Maan. QMIST: A Software Pipeline for the Detection of Quasi-periodic Microstructures in Pulsar Emission
17:30-17:45	1555	Zhihong Shi and Stephen C. Y. Ng. Catching the Mouse with 17 telescopes
16:00-18:00	Session 10C: Parallel Session (A02)(chair: Nicha Leethochawalit)	
16:00-16:25	5935	Changbom Park and Preetish K. Mishra. Invited Talk: The Critical Mass in Galaxy Evolution
16:25-16:40	2051	Bin Luo. The Curious Case of PHL 1811: Heavy Obscuration Versus Intrinsic X-ray Weakness
16:40-16:55	7240	Allison Man, Lucas Kuhn and Laya Ghodsi. Multiphase circumgalactic medium of a brightest cluster galaxy with JWST
16:55-17:10	7731	Asher Yahalom. Uncertainty Relation for Retarded Gravity
17:10-17:25	3314	Thatchayuth Klipbua, Krittapas Chanchaiworawit and Vicki Sarajedii. Tracing the Coevolution of Galaxies and Black Holes: Sérsic Profiles as a Predictor of SMBH Growth Across Cosmic Time
17:25-17:40	2227	Zhaoxuan Liu, John Silverman and Emanuele Daddi. How do mergers accelerate the buildup and transformation of massive galaxies?
17:40-17:55	3801	Dazhi Zhou, Scott Chapman and Joaquin Vieira. Detection of Sunyaev-Zeldovich effect at redshift 4.3

17:55-18:10	4482	Martha Margarita Lopez Gutierrez and Changbom Park. A Method for Identifying Galaxy Protoclusters: From Simulations Toward Observations
16:00-18:00	Session 10D: Parallel Session (A01)(chair: Jungjoo Sohn)	
16:00-16:15	6319	Robert Hollow. Radio Astronomy in High Schools: Challenges and Opportunities
16:15-16:30	4030	Safoura Tanbakouei. The Research-to-Classroom (R2C) Framework: Embedding Authentic Meteorite Mineralogy Data into STEM Education Narratives
16:30-16:45	5108	Manisha Dwa and Suresh Bhattarai. "Breaking Barriers: NASO's Initiative for Inclusive Astronomy Education in Nepal and Beyond"
16:45-17:00	2560	Daryl Joe Santos, Kristine Jane Atienza, Mark Angelo Purio, Harlee Quizzagan, Bernadette Detera, Bernard Isaiah Lo, Dylan Josh Lopez, Ernest Macalalad, Norman Reuel Marigza Jr., Rosario Ramos and Reinabelle Reyes. Inclusion, Diversity, Equity, and Accessibility (IDEA) Initiatives in the 1st Philippine Space Science and Astronomy Research Conference (PSSARC)
17:00-17:15	9959	Pietro Borsano, Ka Keung Liu and Tsz Hin Man. From Harbour to Orbit: Hong Kong's NewSpace Ecosystem
17:15-17:30	7484	Tan Vu Nguyen. Astronomy Education and Public Engagement for a Global Future: Empirical Insights from an Interdisciplinary Study
17:30-17:45	7310	Jean-Gabriel Cuby, Kara Dumaguin, Christine Matsuda, Rich Matsuda and John O'Meara. Astronomy's relationship with the lands and communities of Maunakea: an update.
17:45-18:00	9202	Savio Fong. Astronomy Under City Lights: Pathways for Education and Outreach in Hong Kong
16:00-18:00	Session 10E: Parallel Meeting (A09 SSC2)(chair: Quentin Parker)	
16:00-16:25	s20	Jean-Paul Kneib. SSC2 invited talk
16:25-16:40	0980	Kanatip Anuchit, Vorrachit Chanchiewvichai, Siriwimol Saetung, Thanayuth Panyalert, Shariff Manuthasna, Tanawish Masri, Pakorn Khonsri, Popefa Charoenvicha, Yaowarat Pittayang, Pradiphat Muangha, Paparin Jamlongkul, Thanakorn Khamvilai, Potiwat Ngamkajornwiwat, Poom Konghuayrob, Patcharin Kamsing and Peerapong Torteeka. Innovative Autonomous Mass-Balancing System for Precision Attitude Dynamics Testing on Air-Bearing Platforms
16:40-16:55	6768	Yohann Felicite and Kanthanakorn Noysena. Real-Time Solar Glint Detection for Satellite-to-Satellite Monitoring in Low Earth Orbit

16:55-17:10	7826	Christopher Kebschull. Promoting Space Sustainability through Space Traffic Coordination
17:10-17:25	4056	Vladislav Zubko. Determining Eclipse Duration for a Venus Orbiting Satellite Using a Geometric Approach
17:25-17:40	2180	Hai Jiang. An Efficient Extraction Method of Optical Observation Images for Space Debris
17:40-17:55	0461	Cheng Haowen. Orbit Determination Method for Space Debris Based on Sparse Angular Measurements
19:00-22:00	Session: Harbour Cruise and Dinner	
Wednesday, May 6th		
09:00-10:30	Session 11A: Parallel Session (A06)(chair: Nagayoshi Ohashi)	
09:00-09:25	0699	Di Li. Invited Talk: A Unified Evolutionary Picture of FRBs
09:25-09:40	9976	Zi-Liang Zhang and Bing Zhang. Evidence for a Delayed Progenitor Population for CHIME non-repeating Fast Radio Bursts using a Self-Consistent Forward and Backward Inference Framework
09:40-09:55	1971	Simon C.-C. Ho, Chris Flynn, Matthew Bailes, Lei Zhang, Emma Carli and Kenneth Freeman. Searching for fast radio bursts from globular clusters in the M49 using FAST
09:55-10:10	8227	Yuri Uno, Tetsuya Hashimoto, Tomotsugu Goto, Shinnosuke Hisano, Yi Hang Valerie Wong, Arthur Chen, Sujin Eie, Simon C.-C. Ho, James O. Chibueze, Yu-Wei Lin, Seong Jin Kim, Tzu-Yin Hsu, Poya Wang, Pei Wang and Murthadz Aznam. Do they repeat? Monitoring 36 non-repeating FRBs with FAST
09:00-10:30	Session 11B: Parallel Session (A04)(chair: Archana Pai)	
09:00-09:25	5955	Tarun Souradeep. Invited Talk: Indian initiative in Gravitational-wave observations and science
09:25-09:50	7248	Paul Lasky. Invited Talk: Towards a next-generation gravitational-wave observatory in the Asia-Pacific
09:50-10:05	4492	Wynn Ho. Monitoring young X-ray pulsars and searching for their gravitational wave emission
10:05-10:20	0157	Samson Leong and Juan Calderón Bustillo. Measuring recoils of black-hole mergers and applications in multi-messenger astronomy

10:20-10:35	8355	Suyog Garg. Encoder-decoder networks for gravitational waveform modeling and source parameter estimation
09:00-10:30	Session 11C: Parallel Session (A02)(chair: Karl Glazebrook)	
09:00-09:25	1830	Nicha Leethochawalit. Invited Talk: UV Galaxy Luminosity Functions at high redshifts: Bright Ends and Beyond
09:25-09:40	0569	Kwang-il Seon. Monte Carlo Simulation of Resonance and Fluorescence Lines in the Interstellar and Circumgalactic Medium
09:40-09:55	1736	Dongseob Lee and Hyunjin Shim. Exploring Stellar Population Gradients of Nearby Galaxies with SPHEREx via Machine Learning
09:55-10:10	7990	Graziano Rossi. Beyond Two-Point Statistics: Higher-Order Cosmic-Web Probes for Neutrino Mass Detection
10:10-10:25	8514	Samuel Lange. Comparison of the mass and light distributions of strong lens galaxies
09:00-10:30	Session 11D: Parallel Session (A01)(chair: Nan Li)	
09:00-09:15	7848	Robert Hollow. AWE: Preparing for the Australia Wide Eclipse in 2028
09:15-09:30	6754	Jessada Keeratibharat and Khomsan Thuree. Democratizing Immersive Astronomy Education: A Scalable Low-Cost DIY Planetarium Model for the Asia-Pacific
09:30-09:45	0453	Matipon Tangmatitham. The Southeast Asia Planetarium, Education, and Outreach Conference
09:45-10:00	0815	Natthida Yarangsri and Matipon Tangmatitham. SEAAN and SEA-ROAD: Fostering Regional Collaboration and Driving the Growth of Astronomy in Southeast Asia
10:00-10:15	8718	Rujida Kuramarohit and Matipon Tangmatitham. ITCA Teacher Training Workshop: Expanding Access to Astronomy Education Through International Teacher Training
10:15-10:30	0255	Cintia Duran and Montserrat Alvarez. Development and design of a web framework for the organisation and visualisation of data on astronomy outreach events and engagement communities.
09:00-10:30	Session 11E: Parallel Meeting (A09 SSC2)(chair: Chuck Dickey)	
09:00-09:25	7801	Liu Jing. Plenary Talk: Introduction to Space Debris Basic Data Platform

09:25-09:50	7642	Ciara McGrath. Invited Talk: Visualising a Sustainable Space Future
09:50-10:05	1629	Elisabeth Rachith, Stephan Hellmich and Jean-Paul Kneib. Satellite trail detection and impact assessment in the VST/OmegaCAM archive
10:05-10:20	1910	Renuka Devi R and Gokulakannan J. Data-Driven Strategies for Mitigating Space Debris and Managing Orbital Traffic: An Extensive Study
10:20-10:35	0594	Leran Han. Signal Extraction Method for Space Debris Laser Ranging Based on DBSCAN Clustering
10:30-11:00	Session: Coffee Break & Poster Session	
11:00-12:30	Session 12A: Parallel Session (A06)(chair: Nagayoshi Ohashi)	
11:00-11:15	1844	Chin-Fei Lee. Mapping the Early Processes of Star Formation with ALMA
11:15-11:30	0773	Roslan Umar and Ahmad Hariz Bin Bely. Assessing Radio Frequency Interference in Sarawak: Efforts by the Malaysian Radio Astronomy Frequency Committee
11:30-11:45	1364	Gisela Esplugues, Marcelino Agúndez, Germán Molpeceres, Belén Tercero, Carlos Cabezas, Nuria Marcelino and José Cernicharo. In search of lost sulphur: first detection of HS2 in a dark cloud
11:45-12:00	0794	Iván Gallardo Cava, Javier Alcolea, Hans Van Winckel and Valentín Bujarrabal. Circumbinary disks and outflows in post-AGB Systems: Seeds of second-generation planet formation
12:00-12:15	5245	Khushboo Kunwar Rao, Wen-Ping Chen, Hsing Yu Chen and Kristen Dage. Early Spin-Down Pathways of Intermediate-Mass Stars in Young Star Forming Cluster Trumpler 14
12:15-12:30	9706	Aya Higuchi, Kazuto Haraguchi and Rei Enokiya. HI observations of the Galactic Center using MeerKAT
12:30-12:45	3751	Ahmad Hariz Bin Bely, Roslan Umar and Sharifah Nurul Aisyah Syed Zafar. Pusat Astronomi Borneo's Facilities: Developing a Sustainable Ground-Based Observatory for Optical and Radio Astronomy in Malaysia
11:00-12:30	Session 12B: Parallel Session (A04)(chair: Tarun Souradeep)	
11:00-11:25	7723	Archana Pai. Invited Talk: Highlights of Gravitational Wave Astronomy and transient searches
11:25-11:40	6106	Oleg Titov and Angelina Ostetrova. Search for the primordial gravitational waves with geodetic VLBI

11:40-11:55	8891	Hongwei Ge, Zhenwei Li, Xuefei Chen, Hailiang Chen, Christopher Tout, Ronald Webbink and Zhanwen Han. Mass Transfer Physics in Binary Stars and Applications in Gravitational Wave Sources
11:55-12:10	4333	Yasufumi Kojima. Evolutionary study of neutron star deformations for continuous gravitational waves
12:10-12:25	4460	Maryam Aghaei Abchouyeh, Maurice H.P.M. van Putten and Massimo Della Valle. Gravitational-Wave Constraints on the Central Engine SN 2023ixf
12:25-12:40	5687	Yacheng Kang, Lijing Shao and Bing Zhang. Multimessenger studies of white dwarf-neutron star mergers
11:00-12:30	Session 12C: Parallel Session (A02)(chair: Karl Glazebrook)	
11:00-11:15	8107	Amruth Alfred, Tom Broadhurst, Keith Li and Jeremy Lim. Lighting up Dark Matter with the Dragon
11:15-11:30	1987	Seong-Kook Lee. Keeping Clusters Fresh: Cosmic Web-feeding of Galaxy Clusters up to z ∼ 1.4
11:30-11:45	2580	Wissarut Jarernsupapon, Krittapas Chanchaiworawit, Suwicha Wannawichian and Siramas Komonjinda. Advancing Cosmological Analysis: Data Transformation and Machine Learning to Simulate the Next-Generation Space Mission's Observations
11:45-12:00	5536	Sut Ieng Tam. Simulation-based Inference of Weak-Lensing Mass Calibration for XMM-XXL galaxy clusters
12:00-12:15	4917	Boris Kalita, Luis Ho and John Silverman. Bars, spirals and clumps in Cosmic Noon galaxies
12:15-12:30	8792	Shuang-Nan Zhang. Primordial Black Hole Formation, AGN Unification and the nature of LRDs
11:00-12:30	Session 12D: Parallel Session (A01)(chair: Nan Li)	
11:00-11:15	8403	Seiichiro Aoki, Shinzo Kobayashi and Keigo Kobayashi. Practice and Analysis of a Flipbook Animation Workshop for Life on Mars Using an Interactive Story Generation System with Generative AI
11:15-11:30	6147	Ani Davtyan and Areg Mickaelian. Collaboration in frame of the IAU Regional Offices of Astronomy for Development
11:30-11:45	6542	Geetanjali Sethi. Building Distributed Access to Empirical Astronomy in Resource Constrained Institutions
11:45-12:00	1791	Chatief Kunjaya, Aprilia Aprilia, Surya Novrian, Farzana Lubis, Naufal Malikulmulki and Naufal Nurindra. Developing starfishing, a new branch of astro-tourism

12:00-12:15	1840	Mahdi Rokni, Akihko Tomita, Hassan Baghbani and Farimah Mashayekhi. The Sky Explorers festival by Students' International Network for Astronomy
12:15-12:30	5701	Rommulus Lewis, Hetansh Shah and Amruth Alfred. Astrophysics Wrapped 2025: Year-in-Review of Every Astrophysics arXiv Paper from 2025
11:00-12:30	Session 12E: Parallel Meeting (A09 SSC2)(chair: Chuck Dickey)	
11:00-11:25	6025	Quentin Parker and Meng Su. Invited Talk: An NGO to manage the proposed Global Space Sustainability Hub in Hong Kong SAR
11:25-11:40	9237	Eduard Kuznetsov, Zhi Li and Feiran Li. Search for orbits for long-term storage of end-of-life satellites in GNSS constellations
11:40-11:55	9885	Simon Anghel. Deep learning applied to streak detection in the context of space sustainability
11:55-12:10	5350	Lei Wang, Xiaoming Zhang and Xiaojun Jiang. Research on Multi-Space Object Detection and Tracking Technology
12:30-14:00	Session: Lunch Break	
14:00-15:30	Session 13A:	
14:00-15:30	Session 13B:	
14:00-15:30	Session 13C:	
14:00-15:30	Session 13D:	
14:00-15:30	Session 13E: Parallel Meeting (A09 SSC2)(chair: Jean-Paul Kneib)	
14:00-14:25	6628	Federico Di Vruno. Invited Talk: Developments in the protection of the Dark and Quiet Skies
14:25-14:40	1139	Antonia Rahayu Rosaria Wibowo. Achieving Space Sustainability and Preserving Indigenous Astronomical Knowledge through Astrotourism: Recommendations for Indonesia
14:40-14:55	2333	Hao Qiu, Boris Sorokin, Daniel Price, Federico Di Vruno and D. Ethan Davidson. Simulating the satellite constellation impact on large radio telescope Arrays

14:55-15:10	3999	Tallulah Waterson, Ray Yamamoto Hilton, Sara Webb and Christopher Fluke. A Pilot Study Using DECam to Observe Resident Space Objects in Preparation for Rubin
15:10-15:25	5664	Rhorom Priyatikanto, Judhistira Aria Utama and Lala Septem Riza. Analyzing Twilight Sky Brightness and Light Pollution Perturbations via GaN-MN Density Distributions
14:00-16:00	Session 13F: IAU workshop Low-tech High Impact: Inclusive astronomy with limited resources	
15:30-16:00	Session: Coffee Break	
16:00-18:00	Session 14A:	
16:00-18:00	Session 14B:	
16:00-18:00	Session 14C:	
16:00-18:00	Session 14D:	
16:00-18:00	Session 14E: Parallel Meeting (A09 SSC2)(chair: Jean-Paul Kneib)	
16:00-16:25	9037	Dorje Angchuk, Dr. Niruj Mohan Ramanujam, Prof Annapurni Subramaniam and Anmol Tickoo. Invited Talk: Seeking darkness in a crowded world: Ground-Based Astronomy, Cultural Heritage, and Space Sustainability in Hanle.
16:25-16:40	7359	Stephan Hellmich, Elisabeth Rachith and Jean-Paul Kneib. Characterizing Space Object observations detected in large astronomical Data Archives
16:40-16:55	7472	Priya Shah. An update on the satellite interference to dark skies
16:55-17:10	1558	Vladislav Zubko, Olga Chernenko and Maksim Pupkov. A multiple asteroid exploration framework using resonant orbits and Venus gravity assists
17:10-17:25	1335	Olga Chernenko, Vladislav Zubko, Maksim Pupkov and Natan Eismont. Design of energy-efficient Earth-resonant trajectories and Lunar flyby opportunities for near-Earth asteroids redirection
Thursday, May 7th		

09:00-10:30	Session 15A: Parallel Session (A06)(chair: Taufiq Hidayat)	
09:00-09:25	9909	Nagayoshi Ohashi. Invited Talk: Probing Star- and Planet-Forming Regions at Millimeter and Submillimeter Wavelengths
09:25-09:50	8756	Lister Staveley-Smith. Invited Talk: ASKAP-FAST-SKA-mid synergies
09:50-10:05	1270	Jongsoo Kim. Development of the Total Power GPU Spectrometer (TPGS) for the ALMA Wideband Sensitivity Upgrade
10:05-10:20	4336	Angelina Osetrova and Oleg Titov. Unpresented changes in radio source position time series and future challenges for radio astronomy
10:20-10:35	0293	Jesus Alejandro Lopez-Vazquez, Chin-Fei Lee, Jyun-Heng Lin and Carlos Tapia. Ion–Neutral Velocity Drift in HH 212: Evidence for Ambipolar Diffusion
09:00-10:30	Session 15B: Parallel Session (A03)(chair: Hsiang-Yi Karen Yang)	
09:00-09:15	3084	Lingzhi Wang. CO and Dust Formation in Supernovae
09:15-09:30	0466	Yixuan Shao, Dongzi Li and Dylan L. Jow. Polarization-Dependent Distributions of Single Pulse intensity Revealed by FAST
09:30-09:45	8200	Zexi Niu, Ning-Chen Sun and Emmanouil Zapartas. A Binary Merger Progenitor: First Compelling Evidence for a Type II-P Supernova
09:45-10:00	2997	Yu Zhou, Volodymyr Takhistov and Kazuhisa Mitsuda. Unlocking Discovery Potential for Decaying Dark Matter from Segue 1 dwarf galaxy with XRISM
10:00-10:15	0946	Ping Hei Ng, Ellis Owen and Szu-Ting Chen. Probing the physics of cosmic ray transport in the multi-phase interstellar medium
09:00-10:30	Session 15C: Parallel Session (A02)(chair: Tirthankar Roy Choudhury)	
09:00-09:25	8257	Emily Wisnioski. Invited Talk: A multiphase perspective on the origin of the thin/thick disc dichotomy in galaxies
09:25-09:40	5464	Maurice van Putten. Parameter-Free Prediction of the Asymptotic Acceleration Scale Confirmed by Weak Lensing
09:40-09:55	6348	Jie Li. Spin transfer between gas and dark matter during dark matter halo formation
09:55-10:10	6430	Kenneth Wong. TDCOSMO 2025 (and beyond): Cosmological constraints from strong lensing time delays

10:10-10:25	4699	Areg Mickaelian, Hayk Abrahamyan, Gurgen Paronyan and Gor Mikayelyan. Multiwavelength Search and Studies of Active Galaxies using Big Data
09:00-10:30	Session 15D: Parallel Session (A07)(chair: Samaporn Tinyanont)	
09:00-09:40	0901	Shrinivas Kulkarni. Plenary Talk: There is more room sideways
09:40-09:55	7760	David Buckley, Jifeng Liu and Ningchen Sun. Pushing the boundaries with GOTTA: a Global Open Transient Telescope Array for high cadence transient observations
09:55-10:10	0589	Geoffrey Mo, Kevin Burdge, Kaitlyn Shin, Mason Ng and Danielle Frostig. Exotic binaries in the core of 47 Tuc revealed by a HST UV time-domain survey
10:10-10:25	9404	Dily Duan Yi Ong, Will Handley and David Yallup. The Bayesian view of DESI DR2 with unimpeded: Evidence and tension in multi-probe surveys across cosmological models
09:00-10:30	Session 15E: Parallel Session (A05)(chair: Yuri Aikawa)	
09:00-09:25	9345	Sun Kwok. Invited Talk: Planetary nebulae research: past, present, and future
09:25-09:40	3963	Quentin Parker. The Scientific power of the HASH database for studies of late stage stellar evolution
09:40-09:55	4571	Andreas Ritter, Ho Lam Yiu and Quentin Parker. Searching for Planetary Nebulae in Open Clusters
09:55-10:10	4894	Seyedabdolreza Sadjadi and Quentin Andrew Parker. The Diagnostic Character of the 3 micron Spectral Region in understanding the complex chemistry of Planetary Nebulae
10:10-10:25	8802	Yushan Li, Jiameng Lv and Quentin Parker. Towards a Knowledge Graph-Enhanced Multi-Agent Identification System for Planetary Nebulae
10:30-11:00	Session: Coffee Break & Poster Session	
11:00-12:30	Session 16A: Parallel Session (A06)(chair: Taufiq Hidayat)	
11:00-11:25	s18	Yashwant Gupta. Invited Talk: Radio Astronomy highlights from India : from the GMRT to the SKA, some interesting new results

11:25-11:40	9190	Tony Wong, Alberto Bolatto, Li-Hwai Lin, Hsi-An Pan, Decker French and Akshat Tripathi. Star Formation Regulation and Quenching in the Extragalactic Database for Galaxy Evolution (EDGE)
11:40-11:55	8893	Sadhana Singh, Thiem Hoang, Pham Ngoc Diep, Nguyen Bich Ngoc and Woojin Kwon. Magnetic Fields and Grain Alignment Mechanisms in Serpens Main using JCMT/POL-2 Polarization
11:55-12:10	5409	Hyein Yoon, Elaine Sadler, Elizabeth Mahony and The Askap-Flash Team. Progress from ASKAP-FLASH: Unveiling Extragalactic HI Absorption at $0.4 < z < 1.0$
12:10-12:25	4066	Virginia Kilborn. A tale of two galaxies - gas-rich and gas-poor galaxies in a nearby Galaxy group
11:00-12:30	Session 16B: Parallel Session (A03)(chair: Hsiang-Yi Karen Yang)	
11:00-11:25	0031	David Ruffolo. Invited Talk: Cosmic Rays: Where They Come From and How They Get Here
11:25-11:40	3861	Annisa Novia Indra Putri and Dhani Herdiwijaya. On the Correlation of Cosmic-Ray Intensity with Solar Activity and Interplanetary Parameters
11:40-11:55	2321	Raj Kumar. Double Cyclotron lines or cyclotron line emission wings in accreting Pulsar XTE J1829-098
11:55-12:10	8449	Khandro K Chokyi and Surajit Chattopadhyay. Unified cosmology from non-metricity gravity with holographic dark energy and quantum corrections
11:00-12:30	Session 16C: Parallel Session (A02)(chair: Tirthankar Roy Choudhury)	
11:00-11:25	4854	Kotaro Kohno. Invited Talk: Tracing Hidden Baryon Cycles and Chemical Enrichment Across Cosmic Time: From Cosmic Fluorine to Dust-Obscured Galaxies
11:25-11:40	4882	Qiaoyang Hao and Tao Wang. A Cosmic Filament Catalogue for COSMOS-Web DR1 Across $0.5<z<3.5$ and Detection of a Characteristic "Splashback" Radius in Prominent Filaments
11:40-11:55	9327	Ziqian Hua. Chandra X-ray measurement of heavy element abundances of Wolf–Rayet stars in the Galactic Centre
11:55-12:10	4131	Ekaterina Koptelova. Detecting high-frequency quasi-periodicity from high-redshift intermediate-mass black hole candidates
12:10-12:25	5662	Sarah Bird, Chris Flynn, Rudra Sekhri, Hai-Jun Tian, Juntai Shen, Xiang-Xiang Xue, Chao Liu and Gang Zhao. Galactic Stellar Halo Luminosity Function

11:00-12:30	Session 16D: Parallel Session (A07)(chair: Samaporn Tinyanont)	
11:00-11:40	1991	Tamara Davis. Plenary Talk: Dark energy: hints of time-variation?
11:40-12:05	6280	Kuntal Misra. Invited Talk: Watching the Time-Domain Sky with Indian Observatories
12:05-12:20	4026	Huiqin Yang. The solar-like latitudinal distribution of flaring activities revealed by TESS, APOGEE, and GALAH
12:20-12:35	8997	Ing-Guey Jiang, Li-Chin Yeh, Prangsutip Cherdwongsung, Eamonn Kerins, Supachai Awiphan, Napaporn A-Thano and Robert Wilson. On the Detectability of Transiting Exomoons by Roman Space Telescope
11:00-12:30	Session 16E: Parallel Session (A05)(chair: Yuri Aikawa)	
11:00-11:25	3130	Thi Tuyet Nhung Pham, Hoai Do and Pierre Darriulat. Invited Talk: On pulsating AGB stars
11:25-11:40	1593	Chao Liu. An ab initio stellar atmospheric model: a new try
11:40-11:55	3339	Federico Soto-Badilla and Roberto Vázquez. Exploring the Relationship Between Morphology, Kinematics, and Physicochemical Conditions in Bubble-like Planetary Nebulae
11:55-12:10	2761	Priya Shah. Star Formation in the Perseus Molecular Cloud: IC 348, NGC 1333 and Friends
12:30-14:00	Session: Lunch Break	
14:00-15:30	Session 17A: Parallel Session (A08)(chair: Moo-Young Chun)	
14:00-14:25	7707	Wen-Ping Chen. Invited Talk: Bootstrapping Time-Domain Astronomy with the Trans-Pacific 2-m Telescope: Synergy with the LSST
14:25-14:40	4041	Kaitlyn Shin. Fast radio bursts with the DSA-2000
14:40-14:55	3849	Xinfeng Li, Hu Zhan and Hongen Zhong. Research & Development Status of CSST's Survey Camera
14:55-15:10	1885	Gemma Anderson. Capabilities of CSIRO's Australia Telescope National Facility
15:10-15:25	0624	Andrey Shugarov and Boris Shustov. System of Observation of Daytime Asteroids (SODA)

14:00-15:30	Session 17B: Parallel Session (A03)(chair: Weimin Yuan)	
14:00-14:25	5107	Hyung Mok Lee. Invited Talk: Current status and future prospects of gravitational wave cosmology
14:25-14:40	8179	Gennady Bisnovatyi-Kogan and Maria Glushikhina. Thermoelectric effects in a conductive cylinder with radial heat flow
14:40-14:55	7767	Peony Ka Kiu Lai, Otto Hannuksela, Alvin Ka Yue Li and Elwin Ka Yau Li. Investigating the Effect of Sensitivity of KAGRA on Sky Localization of Binary Neutron Star Mergers
14:55-15:10	6162	Olga Toropina, Gennadyi Bisnovatyi-Kogan and Sergey Moiseenko. MHD Simulations of Rotating Jets in a Magnetic field
15:10-15:25	8845	Ka Ho Yuen and Ka Wai Ho. CRISM: Cosmic-Ray and Chemical Feedback Imprints on Polarized Galactic Foregrounds
14:00-15:30	Session 17C: Parallel Session (A02)(chair: Hesti Wulandari)	
14:00-14:15	0440	Hafiz Indra Arwinata. Constraining Self-Interacting Dark Matter through Galaxy Group Mass Distributions
14:15-14:30	3163	Lukas Eisert, Connor Bottrell and Annalisa Pillepich. Constraining the physics and assembly of galaxies from telescope images
14:30-14:45	8002	Masao Mori. Tracing Faint and Hidden Structure Formation in Andromeda: Minor Mergers and Stream Splitting by Dark Perturbers
14:45-15:00	5187	Tran Thi Thai. The contribution of the lensed Lyman alpha galaxies to cosmic reionization as seen by MUSE/VLT
15:00-15:15	7194	Truman Tapia, Kenji Bekki and Hidenori Matsui. Formation of ultra-diffuse galaxies and their globular cluster systems through mergers
14:00-15:30	Session 17D: Parallel Session (A07)(chair: Kuntal Misra)	
14:00-14:15	1675	Andrew Battisti. The MAGPI Survey: Emission Line Products Data Release 1 and the Role of Spectroscopic Aperture on the Balmer Decrement-Stellar Mass Relation
14:15-14:30	9067	Shiang-Yu Wang, Matthew Lehner, Mauricio Reyes-Ruiz, Charles Alcock and Jj Kavelaars. Performance of the Transneptunian Automated Occultation Survey (TAOS II)
14:30-14:45	2248	I-Non Chiu, Kai-Feng Chen and Masamune Oguri. Weak-Lensing Shear-Selected Galaxy Clusters in the Hyper Suprime-Cam Subaru Strategic Program and its Cosmological Applications

14:45-15:00	5972	Yen-Chen Pan. Disentangling 2002es-like and 2003fg-like Supernovae through Their Host Environments
15:00-15:15	1533	Lu Fang. Beyond Lenses: Computational Optics Empowers Observational Astronomy
15:15-15:30	8216	Yusuke Tampo, David Buckley and Paula Szkody. Cataclysmic variables in the era of the Rubin Observatory LSST
14:00-15:30	Session 17E: Parallel Session (A05)(chair: Supachai Awiphan)	
14:00-14:25	8219	Hyosun Kim. Invited Talk: Dynamical Imprints of Detached Companions in the Late Evolution of Stars
14:25-14:40	8740	Hiroshi Imai and Takeshi Hoshino. Exploring the central stellar system of the "water fountain" W 43A
14:40-14:55	9604	Bakuh Danang Setyo Budi, Wako Aoki, Nick Storm, Miho Ishigaki and Tadafumi Matsuno. Unveiling Oxygen's Past with Subaru/IRD: Oxygen Abundance of Extremely/Very Metal-Poor Stars
14:55-15:10	6582	Anastasiia Topchieva, Tamara Molyarova and Anton Vasyunin. Deuteration of Water in Protoplanetary Disks During Luminosity Outbursts
15:10-15:25	3760	Sumi Bhattacharjee and Asoke Kumar Sen. A Study of Background Stars' Extinction from the Outer Periphery Toward the Core of Isolated CB Clouds
15:30-16:00	Session: Coffee Break & Poster Session	
16:00-18:00	Session 18A: Parallel Session (A08)(chair: Shuang-Nan Zhang)	
16:00-16:25	4920	Samaporn Tinyanont. Invited Talk: Transients in the Tropics: emerging infrastructure for time-domain astronomy in Thailand
16:25-16:40	1506	Yosuke Minowa, Yusei Koyama, Masayuki Akiyama, Sadman Ali, Takamasa Bando, Joshua Carter, David Chandler, Chueh-Yi Chou, Celine D'Orgeville, Yutaka Hayano, Takashi Hattori, Roger Haynes, Dionne Haynes, Joschua Hellemeier, Nicholas Herrald, Naoatsu Hirata, Junichi Katakura, Tadayuki Kodama, Masahiro Konishi, Kosuke Kushibiki, Andrew Kruse, Noelia Martinez Rey, Masaki Morita, Yuki Moritani, Kumiko Morihana, Kentaro Motohara, Hajime Ogane, Hirofumi Okita, Yoshito Ono, Shin Oya, Naohisa Sato, Yuhei Takagi, Ichi Tanaka, Yoko Tanaka, Chihiro Tokoku, Fumihiro Uraguchi, Lu Wang, Shiang-Yu Wang, Po-Chieh Yu, Kenshi Yanagisawa and Michitoshi Yoshida. ULTIMATE-Subaru: the next-generation wide-field AO and near-infrared survey instruments for the Subaru telescope
16:40-16:55	3434	Andrew Battisti and Joice Mathew. Ultraviolet Extinction Sky Survey (UVESS): A mission concept to study the interstellar medium in the Milky Way and Local Group galaxies

16:55-17:10	9030	Guohao Ju, Tianyi Zhang, Jing Luo, Jihong Dong and Shuyan Xu. Integrated Testing of the Observational Performance of the Chinese Space Station Telescope (CSST)
17:10-17:25	6688	Yuanyong Deng. The Solar Polar-orbit Observatory Mission
17:25-17:40	8567	Renbin Yan. Mapping the Milky Way and Nearby Galaxies with AMASE
16:00-18:00	Session 18B: Parallel Session (A03)(chair: Weimin Yuan)	
16:00-16:25	9623	Laurent Loinard. Invited Talk: Multi-epoch Event Horizon Telescope observations of M87
16:25-16:40	2467	Liangduan Liu. TransFit: Bridging Analytic Efficiency and Numerical Accuracy in Supernova Light-curve Modeling
16:40-16:55	2446	Zhongxiang Wang. Possible neutrino emission from the pulsar wind nebula G63.7+1.1
16:55-17:10	1465	Ho Sang Leon Chan, Taeho Ryu, Julian Krolik and Tsvi Piran. Strongly Relativistic Tidal Disruption Events
17:10-17:25	6157	Ilya Kondratyev, Sergey Moiseenko and Gennady Bisnovatyi-Kogan. Asymmetries and MRI in magnetorotational core-collapse supernovae
17:25-17:40	7563	Ho Sang Leon Chan, Ore Gottlieb, Jonatan Jacquemin-Ide, Matteo Cantiello and Mathieu Renzo. Dynamo Origin of Collapsar Jets
17:40-17:55	2615	Michael Yeung. The view of the eROSITA bubbles from eROSITA
16:00-18:00	Session 18C: Parallel Session (A02)(chair: Hesti Wulandari)	
16:00-16:15	7694	Krittapas Chanchaiworawit, Wissarut Jarernsupapon, Narenrit Thananusak Thananusak and Utane Sawangwit. From Cosmic Dawn to the Local Universe: How Environments and Spins Shape the Evolutionary Pathways of Galaxies
16:15-16:30	7903	Hassen Yesuf and Connor Bottrell. Observational Constraints on Galaxy, Halo, and SMBH Evolution: Discrepancies with Cosmological Simulations
16:30-16:45	5453	Kantapon Jensangjun, Suraphong Yuma and Crystal Martin. Feedback efficiency of warm-ionised outflows across cosmic noon
16:45-17:00	8509	Themiya Nanayakkara. Massive Galaxies at Cosmic Dawn: Linking Bursty Star Formation, Quenching, and Reionization Physics

17:00-17:15	8717	Gunmethus Cherdchoochavalit, Krittapas Chanchaiworawit and Suwicha Wannawichian. Machine Learning Inference for Physical Properties of Early Universe Galaxies in Upcoming JWST/NIR Cam Photometric Surveys
17:15-17:30	3619	Andrew Sullivan, Ross Turner, Stas Shabala, Chris Power, Martin Bourne, Sophie Young, Nicole Thomas and Connor Bottrell. The non-thermal pressure profile of AGN galaxy clusters
17:30-17:45	1887	Angelo George, Marcin Sawicki and Ivana Damjanov. Two Wavelengths, Two Stories: How Bulges and Disks Grow
17:45-18:00	5667	Longyue Chen. A bending in the size-mass relation of star-forming galaxies across 0.5 < z < 6.0 at a critical stellar mass of 10^10M⊙ revealed by JWST
16:00-18:00	Session 18D: Parallel Session (A07)(chair: Kuntal Misra)	
16:00-16:15	6810	Xiaowei Liu. Exploring the local and the dynamic universe with the Mephisto
16:15-16:30	0868	Syed Uddin. Hubble Constant from the Carnegie Supernova Project
16:30-16:45	8826	Harim Jin. A tale of two colors: bluer Type Ib and redder Type Ic supernovae
16:45-17:00	6394	Gemma Anderson, James Leung, Alexander van der Horst, Sarah Chastain, Lauren Rhodes and Ashna Gulati. First results from the PanRadio GRB collaboration: radio follow-up of all Southern GRBs from <1 day to >1 year post-burst
17:00-17:15	3244	Nahathai Tanakul, Napat Nabklang, Prapaporn Techa-Angkoon and Jakramate Bootkrajang. Automatic variable star classification with light curve ensemble
17:15-17:30	7228	Napat Nabklang, Nahathai Tanakul, Jakramate Bootkrajang and Prapaporn Techa-Angkoon. Diffusion-aided variable star classification based on full frame images
16:00-18:00	Session 18E: Parallel Session (A05)(chair: Supachai Awiphan)	
16:00-16:25	4619	Tie Liu. Invited Talk: The ALMA-ATOMS/QUARKS survey: what we have learned about the formation and evolution of high-mass proto-clusters
16:25-16:50	1189	You-Hua Chu, Sean Points, Geneva Chang, Tzu-Yang Chiu and Yuka Terada. Invited Talk: Circumstellar Nebulae as Diagnostics of Mass Loss along Stellar Evolution

16:50-17:05	5295	Yesol Kim, Bon-Chul Koo and Jae-Joon Lee. A New SNR Candidate G25.8+0.2 from the UWIFE [Fe II] Survey: Insights from Near-Infrared Spectroscopy
17:05-17:20	3316	Norhasliza Yusof. How Rotation and Metallicity Shape the Final Fate of Massive Stars
17:20-17:35	7984	Facundo David Moyano. Stellar rotation in late evolutionary stages: hot subdwarf B stars
17:35-17:50	9392	Amit Kashi. Interacting Winds and Giant Eruptions in Massive Binaries, and their Effects on the Involved Stars
19:00-20:00	Session: Astronomy themed orchestral concert	
Friday, May 8th		
09:00-10:30	Session 19A: Parallel Session (A08)(chair: Wen-Ping Chen)	
09:00-09:25	4259	Wako Aoki, Daisuke Iono, Junichi Noumaru, Shinobu Ozaki, Masahiro Sugimoto, Ryuji Suzuki, Hiroshi Terada, Tomonori Usuda and Chikako Yasui. Invited Talk: Thirty Meter Telescope (TMT)
09:25-09:50	6036	Pak Hin Tam. Invited Talk: Resolving the mystery of PeV cosmic-rays using the LHAASO experiment
09:50-10:05	9796	Laurence Sabin, Wen-Ping Chen, Yair Krongold, Yi Chou, David Hiriart, Erica Lugo, Ming-Hsin Chang and Liliana Figueroa. The Trans-Pacific Observatory: a multinational partnership for advanced optical and infrared astronomy
10:05-10:20	3627	Daniel Devost. Four decades of excellence: Current Capabilities, Scientific Impact and Future Directions of the Canada-France-Hawaii Telescope
10:20-10:35	0260	Grigory Tsurikov, Dmitry Bisikalo and Valery Shematovich. Searching for observable atmospheric biosignatures in UV – possible input of «Spektr-UF» (WSO-UV) space telescope
09:00-10:30	Session 19B: Parallel Session (A03)(chair: Paul Lasky)	
09:00-09:25	8827	Masaki Ando. Invited Talk: DECIGO and B-DECIGO: a Space Gravitational-Wave Observatory for Multimessenger Astronomy
09:25-09:40	1661	Yuxuan Zeng. Cluster Mergers - not AGN Feedback - Mitigates Gas Cooling and Star Formation in Cluster Central Galaxies
09:40-09:55	1348	Jiang-Chuan Yu, Yan Cao, Zexin Hu and Lijing Shao. Detecting ultralight dark matter in the Galactic Center with pulsars around Sgr A*

09:55-10:10	8585	Ju Guan, Shumei Jia and Haisheng Zhao. EP-FXT Source Search Software: Quick-Look Database Construction and Source Catalog Generation
09:00-10:30	Session 19C: Parallel Session (A02)(chair: Hesti Wulandari)	
09:00-09:15	3250	Narenrit Thananusak and Utane Sawangwit. Making sense of FASHI & ALFALFA HI-galaxy clustering through HI line-width and DM halo mass
09:15-09:30	6027	Junqiang Ge. Variations of light curves and broad emission lines for periodic QSOs
09:30-09:45	5042	Hangci Du, Yougang Wang and Junqiang Ge. A Unified Local Pattern Speed Framework for Bars and Spirals: Revealing Bar-like Structures in TNG50 Early-Type Galaxies
09:45-10:00	8778	Yuzhong Wu. The Metal-Diluted Early-Type Galaxies: Occurrence, Demographics, and Triggering Mechanisms from DESI
10:00-10:15	2733	Sivakorn Wangwon, Nahathai Tanakul, Jakramate Bootkrajang and Prapaporn Techa-Angkoon. Star Formation History Analysis with Deep Learning: An Efficient Alternative to CMD Fitting
10:15-10:30	1026	Ekta Sharma, Prerana Biswas, Mousumi Das, Benjamin Winkel, Di Li and Zheng Zheng. Cold Gas in the Cosmic Desert: Star formation and environment of CG 910 in Boötes Void
09:00-10:30	Session 19D	
09:00-10:30	Session 19E: Parallel Session (A05)(chair: Amanda Karakas)	
09:00-09:25	3597	Yuri Aikawa. Invited Talk: Physical and chemical structure of disks around low-mass young stellar objects
09:25-09:40	3980	Naval Kishor Bhadari and Lokesh Kumar Dewangan. Catching Protoclusters in the Act of Formation with JWST and ALMA
09:40-09:55	5770	Pak Shing Li. The Making of Dense Core in Molecular Clouds: Simulating Sub-Filament Evolution
09:55-10:10	0184	Tomotsugu Goto, Terry Phan, Issei Yamamura and Takao Nakagawa. A Search for Planet Nine with IRAS and AKARI Data
10:10-10:25	9457	Petr Kurfürst, Georgii Bless, Filip Holoubek, Michal Zajaček and Jiří Krtička. Supernova interactions with aspherical circumstellar material: calculations of light curves, AB magnitudes, spectra, and polarisation

10:30-11:00	Session: Coffee Break & Poster Session	
11:00-12:30	Session 20A	
11:00-12:30	Session 20B: Parallel Session (A03)(chair: Paul Lasky)	
11:00-11:15	5410	Adlyka Annuar, David Alexander, Poshak Gandhi, Muhammad Bin Rosli and Daniel Stern. The Compton-thick AGN Population and the NH Distribution of AGN in our Cosmic Backyard
11:15-11:30	4678	Fidy Andriamanankasina Ramamonjisoa. Modelling the Optical Polarised Non-thermal Emission of the White Dwarf Pulsar in AR Scorpii with an off-centred dipole
11:30-11:45	4784	Haichao Xu, Xinwu Cao and Yanan Wang. Evolution of accretion disc-corona in the TDE Candidate AT 2019avd
11:45-12:00	7765	Myeong-Gu Park and Dongho Han. Rotating Bondi Flow with and without Outflow
12:00-12:15	9573	Marina Ushakova, Ken'Ichi Nomoto and Sergei Blinnikov. Delayed fallback accretion as the power source for double-peaked SN 2023aew
12:15-12:30	3344	Greta Siu, Po Kin Leung, Hayden Ng, Kinwah Wu, Valentina Sulis and Ellis Owen. Accreting Black Hole in Molecular Cloud
11:00-12:30	Session 20C	
11:00-12:30	Session 20D	
11:00-12:30	Session 20E: Parallel Session (A05)(chair: Amanda Karakas)	
11:00-11:25	9000	Nami Sakai. Revisiting Molecular Spectroscopy in the Era of ALMA WSU
11:25-11:40	1649	Ka Wai Ho and Ka Ho Yuen. Interstellar Turbulence in the Exascale Era: Resolving the Multi-Phase Magnetized Cascade
11:40-11:55	4934	Woojin Kwon, Youngwoo Choi and Edisk Team. Early Planet Formation in Embedded Disks (eDisk): 3 mm Continuum Observations and Modeling Results
11:55-12:10	1569	Moo-Keon Jung, Sung-Chul Yoon, Ho-Gyu Lee, Jae-Joon Lee and Yujin Yang. Galactic Wolf-Rayet Star Survey with SPHEREx Data

12:30-13:00	Session 21: Closing Ceremony

3.3. List of Posters:

Topic	#ID	Authors	Title
A01	581	Shuntaro Sato, Sakuya Segizawa, Kiyomitsu Hoshikoshi and Aya Higuchi	Proposal for an Astronomical Database System for Laboratories
A01	1191	Dian Christianty	Let There Be Light: Explaining Dark Matter and Universe for the General Public in Indonesia
A01	2219	Matipon Tangmatitham	The Celestial Sphere Project
A01	2685	Syed Hasan and Priya Shah	Astronomy Education in Schools in India
A01	4163	Fumi Yoshida, Hiroyuki Takata and Kazuhiro Sekiguchi	Let's share the myths and legends of the universe and stars that remain in the world
A01	4975	Arthit Laphirattanakul and Suwicha Wannawichian	Retrograde Motion Patterns of the planets at different positions in their orbits
A01	5260	Andrew Yen and Saeed Salimpour	Colouring the Cosmos - Astronomical colour imaging as an integrator of STEM and non-STEM in schools
A01	5701	Rommulus Lewis, Hetansh Shah and Amruth Alfred	Astrophysics Wrapped 2025: Year-in-Review of Every Astrophysics arXiv Paper from 2025
A01	5823	Joyful Mdhluli	The OAD Flagships Ecosystem: Harnessing Astronomy for Societal and Community Development
A01	6812	Roslyn Forecast and Rachel Webster	Real-Life Science Practices: Astronomy and Physics Labs with Interactive Jupyter Notebooks
A01	7347	Sze-Leung Cheung, Kenneith Ho-Keung Hui, Chin-Kwan Tsang, Qing Lan,	Three Decades of Urban Astronomy: The Evolution of Ho Koon Nature Education cum Astronomical Centre (1995–2025)

		Ka-Chun Cheung, Chi-Leong Chu, Ching-Tin Chu and Chi-Tai Kwok	
A01	7464	Byeong-Hee Mihn, Sang Hyuk Kim, Ki-Won Lee and Goeun Choi	A Mathematical and Astronomical Study of the Sinbeop-Jipyeong-Ilgu Utilizing a Vertical Gnomon
A01	7677	Sang Hyuk Kim, Byeong-Hee Mihn and Ki-Won Lee	Research and Application of Joseon Sundials: Ganpyeong-ilgu and Hongae-ilgu
A01	9106	Seiichiro Aoki, Shinzo Kobayashi and Gary Hoichi Tsuchimochi	Practice of a Flipped Classroom at a Japanese University Based on the ICE Model and Tracking the Learning Process Through Fine-Tuning to the BERT Model
A01	9484	Simon Anghel	The Science Explorer (SciX): A Digital Library to Support Research and Outreach in Astronomy
A01	9689	Yadanan Inta	The ASEAN Astronomy Camp (AAC)
A02	1237	Petr Kurfurst, Michal Zajacek, Norbert Werner and Jiri Krticka	Red giant–jet collisions in galactic nuclei: 3D hydrodynamical model of a few stellar orbits
A02	1511	Amruth Alfred, Jeremy Lim, Tom Broadhurst, George Smoot, Masamune Oguri and Jose M. Diego	Revealing Dark Matter under the Lens
A02	1896	Angelo George, Ivana Damjanov and Marcin Sawicki	Environmental Effects on the Size Growth of Quiescent Galaxies from UV-Optical Perspectives in Clusters vs. the Field
A02	3172	Yongming Liang	Strangulation of Massive Galaxies at Cosmic Noon: A Hint from 3D IGM Tomography
A02	3182	Minjae Kim and Junhan Kim	X-ray Signatures of the Hot Circumgalactic Medium in IllustrisTNG
A02	3257	Haina Huang, Tsang Keung Chan and Jian Hao Wu	The Impact of Small-scale enhanced Primordial Power Spectrum on Nonlinear Structure Formation
A02	3414	Greta Siu, Valentina Sulis, Po Kin Leung, Ping Hei Ng, Kinwah Wu, Ellis Owen and Joseph Read	Mass accretion of white dwarfs in AGN accretion disk
A02	3454	Vixen Anne Berongoy, Bjorn Jasper Raquel and Daryl Joe Santos	Analyzing Galaxy Environments of Little Red Dots in the JWST COSMOS Field
A02	3843	Maria Arima and Masao Mori	Failed Outflows in High Redshift Galaxies: A Physical Criterion for Recycling Versus Escape

A02	4100	Allison Man, Joey Bhangal and Federico Lelli	A search for progenitors of galaxy clusters at z=2-5
A02	4657	Arpit Kottur, Jui Mahajan and Raka Dabhade	A Dynamical Scalar Field Model for Dark Energy: Addressing the Hubble Tension and Cosmic Evolution
A02	5732	Preetish Mishra	The Critical Mass in Galaxy Evolution
A02	5932	Vladimir Goradzhanov, Denis Mishurin, Olga Sil'Chenko and Damir Gasymov	Population-orbit superposition modeling of kinematically misaligned galaxies in MaNGA.
A02	6048	Dazhi Zhou, Scott Chapman and Joaquin Vieria	A ram-pressure stripped galaxy at a redshift of 4.3
A02	6512	Daryl Joe Santos, Taro Shimizu, Richard Davies, Yixian Cao, Jason Dexter, Tim de Zeeuw, Frank Eisenhauer, Natascha Förster-Schreiber, Helmut Feuchtgruber, Reinhard Genzel, Stefan Gillessen, Lucas Kuhn, Dieter Lutz, Thomas Ott, Sebastian Rabien, Jinyi Shangguan, Eckhard Sturm and Linda Tacconi	What can Hα emission line shapes tell us about supermassive black hole masses? Insights from spectroscopic NTT/SOFI survey of z~2 quasars for GRAVITY+ observations
A02	7373	Chuan-Jui Li , Yi-Syuan Wu and W. F. Kao	The Altered Chaplygin Model as a Model for Dark Energy
A02	7666	Nattaporn Thongphaijit, Suraphong Yuma and Taweewat Somboonpanyakul	Evolution of Intrinsic Shape of Galaxies up to z < 10 with JWST/NIRCam Imaging
A02	7956	Salman Farisi and Andrew Cooper	Diffuse Globular Cluster Debris in DESI Milky Way Survey
A02	9961	Arti Flinkerbusch, Premana Premadi and Changbom Park	The evolution of cluster galaxies in TNG-Cluster
A03	1080	Soumya Gupta, Sunder Sahayanathan, Rahul Gupta, Tanmoy Chattopadhayay and Dipankar Bhattacharya	Exploring the radiation mechanism of extremely energetic GRB 230307A using spectro-polarimetry observations
A03	2365	Chingam Fong, Kenny C. Y. Ng, Dylan M. H. Leung and Zhe Li	Corona Field Modulates GeV Solar Gamma Ray
A03	2989	Jiahang Zhong and Lijing Shao	Nova brevis from magnetar giant flares: a new window on neutron star crusts
A03	3145	Ruixiang Hu, Bei You and Saien Xu	Exponentially Decay of the Disk in the Soft State for Post-RXTE XRB Sample

A03	6125	Wenlang He, Ping Zhou and Bingqiu Chen	SGR 1935+2154's Quiet Local Environment: Clues for Its Progenitor
A03	6168	Dizhan Du, Bei You and Xinwu Cao	Radio-X-ray Time Lags in GX 339-4: Probing Magnetic Field Transport in Black Hole Accretion
A03	6713	Jin-Hong Chen	Diverse Emission Patterns from Precessing Super-Eddington Disks Formed in Tidal Disruption Events
A03	8185	Yixuan Shao, Ping Zhou and Xiao Zhang	Absence of Radio Emission Reveals an Exceptionally Weak Explosion of the Putative Historical Supernova Pa 30
A03	8581	Yanchang Cheng and Jumpei Takata	Spin evolution modeling for a newly-formed white dwarf resulting from binary white dwarf merger
A03	8733	Jiabao Liu	Fast Neutrino Flavor Conversions and A New Predictive Method and Implications for Observables
A03	9514	Bryant Randolph, Kiki Vierdayanti and Tiara Andamari Saraswati	Exploratory Study of the Temporal Properties of ULXs with NICER
A04	2304	Qingchuan Zhao, Yeung Po Ying and Bing Zhang	Interpreting multi-wavelength afterglows from GRBs and merger counterparts
A04	7277	Xun-Jie Xu, Qiqin Yin, Yong Xu and Junyu Zhu	Full-Spectrum Cosmic Gravitational Wave Background: A New Window into the Physics of Inflation and Reheating
A05	15	Aleyna Demirci, Yiğit Can Atılgan, Nazım Aksaker, Aysun Akyüz and Mehmet Sarıgül	Deep Learning–Driven Detection of Planetary Nebulae in M31
A05	234	Wako Aoki, Haining Li, Tadafumi Matsuno, Qianfan Xing and Gang Zhao	Stellar physics and the Milky Way formation explored with LAMOST and Subaru
A05	780	Bakuh Danang Setyo Budi, Bryant Randolph, Rafa Nanda Akilah, Hakim Luthfi Malasan, Evan Irawan Akbar and Puji Irawati	First and Comprehensive Study of V0757 Pup: Gamma-Doradus Pulsator in Detached Eclipsing Binary Star
A05	927	Yuka Terada, You-Hua Chu and Chien-Jia Lee	Circumstellar Nebulae around Short-Period Eclipsing Binaries in the Small Magellanic Cloud
A05	937	Xiaoyuan Yang, Yisheng Tu and Zhi-Yun Li	A new method of measuring magnetic field strength in the highly structured protostellar envelopes

A05	1148	Il-Joong Kim, Jeonghyun Pyo and Woong-Seob Jeong	Detection of NIR Hydrogen Recombination Lines toward WISE H II Region Candidates
A05	1776	Hsiang-Yu Chen and Wen-Ping Chen	The Musca filament is a star forming cloud
A05	2439	Li-Chin Yeh and Ing-Guey Jiang	Revealing the Configurations of Near-Resonance Exoplanetary Systems through Transit Observations
A05	2884	Moo-Keon Jung and Sung-Chul Yoon	Effects of Stellar Winds on the Photometric Properties of SN Ib/Ic Progenitors and Implications for Space Telescope Observations
A05	4050	Muthia Dewi and Aprilia	The ω^1 Sco Star: Spectral Variation Analysis of a β Cephei-Type Pulsator
A05	4098	Youngwoo Choi, Woojin Kwon, Leslie Looney and John Tobin	A Bridge Between Young Stars Formed by Gravitational Interaction
A05	4592	Jallelu Emmanuel Supino, Robert Serrano III, Patrizia Phem Odo, Ken Angelo Oliveros, Shane Robert Gudez and Prince Kyl Camaing	A Monte Carlo Comparison of the Mass Loss Relationship to XUV Luminosity and Heating Efficiency in to Exoplanet Analogs orbiting Sun-Like (G2V) and Young M Dwarf Main-Sequence Stars
A05	4942	Laurence Sabin, Lucero Uscanga and Guillermo Garcia-Segura	Probing Magnetic Fields in Evolved Intermediate-Mass Stars: The case of W43A
A05	6665	Zipeng Hu	A Pan-galaxy Study of Synthetic Giant Molecular Filaments: A Turbulence-dominated Life Cycle
A05	7546	Dmitry Bisikalo, Valery Shematovich, Andrey Zhilkin and Grigory Tsurikov	How does a magnetic field protect a planet from electron precipitation into its atmosphere under stellar wind impact?
A05	7748	Bakuh Danang Setyo Budi, Wako Aoki, Bun'Ei Sato, Miho Ishigaki and Tadafumi Matsuno	Probing the Lithium Plateau: Radial Velocity Monitoring of Rare Very Metal-Poor Binaries
A05	8701	Wing Ying Eaudrie Wan and Chuan-Jui Li	A Possible Post-He-flash Red Giant Surviving Companion of the SN Ia in DEM L71
A05	8905	Fargiza Mulki, Hesti Wulandari and Taufiq Hidayat	Fifth-Force Effects in the Solar System Arising from Noncanonical Domain Walls
A05	9446	Muhammad Harits Al Akbar and Budi Dermawan	Study of Clustering Implementation on Exoplanet and Brown Dwarf Data
A05	9999	Zhengjie Tian, Quentin Andrew Parker, SeyedAbdolreza Sadjadi, Silvia Tosi	The Rise and Fall of HuBi 1

A06	713	Chun Sing Leung, Chak Man Lee and Kwok Wai Ng	Solar Radio burst detection in Hong Kong by using 21cm neutral hydrogen line
A06	1107	Yuxiang Qin	Inferring properties of the first galaxies and intergalactic medium using MWA observations
A06	2310	Simon C.-C. Ho, Matthew Bailes, Chris Flynn and Federico Abbate	Detection of over 37,000 giant pulses per hour from PSR J1823−3021A with UHF baseband observations from MeerKAT and coherent descattering studies
A06	3679	Gisela Esplugues	Redefining the limits of the chemical complexity of the Universe
A06	6371	Jongsuk Hong	Digital Signal Processing of Total Power GPU Spectrometer for ALMA WSU
A06	7461	Momoko Makita, Tomoharu Oka, Tatsuya Kotani and Shunya Takekawa	Detailed Analysis of the Broad-Velocity-Width Molecular Features "Petit–Bullets" with ALMA Cycle 12 Observations
A06	8688	Aran Lyo and Jongsoo Kim	The Role of Magnetic Fields in Massive Star Formation: Polarization Study of G192.16-03.82
A06	8761	Reinabelle Reyes, James Gallo and Christopher Bernido	Red Noise Detection in Pulse Arrival Times using a Memory-Modulated Stochastic Process
A06	9393	Tatsuya Kotani, Tomoharu Oka, Rei Enokiya, Kazuki Yanagihara, Miyuki Kaneko and Ryo Ariyama	Precise Measurements of the Cosmic Microwave Background Temperature at z=0.68 and z=0.89 Using Quasar Absorption Lines
A07	482	Ahmad Lutfi Afifi Mohd Nasir, Roslan Umar, Mohammad Shawkat Odeh, Wan Nural Jawahir Wan Yussof, Nor Hazmin Sabri and Ahmad Hariz Bely	Automated New Crescent Moon Detection for Islamic Calendar Determination Using Deep Learning
A07	889	Ji Yeon Seok and Jae-Joon Lee	Large-Area Mapping of Aromatic and Aliphatic Features in Cygnus X: Preliminary Results from SPHEREx
A07	2860	Kosuke Mizutani and Shinsuke Takasao	Pre–Common-Envelope Mass Loss and Circumbinary Structure: Insights from 3D MHD Simulations
A07	3212	Hao Fu	Quantifying the lunar impact on astronomical observations using a machine learning framework for visibility prediction

A07	4742	Shinya Wongyai, Chutipong Suwannajak, Nahathai Tanakul, Jakramate Bootkrajang and Prapaporn Techa-Angkoon	Functional Group Identification in FTIR Spectra of Interstellar Ice Analogs Using Peak-Based Feature Learning
A07	5348	Chun Ki Wan, Tsang Keung Chan and Samuel Lange	Non-parametric Lens and Source Reconstructions in Galaxy-scale Strong Gravitational Lenses with Deep Learning Technique
A07	5739	Areg Mickaelian	Astronomy and Big Data
A07	8742	Takashi Ito, Fumi Yoshida, Toshifumi Yanagisawa, Hirohisa Kurosaki, Masato Shibukawa, Neo Yamashita, Makoto Yoshikawa, Naoya Ozaki, Alan Stern, Anne Verbiscer, Jj Kavelaars, Wesley Fraser and Susan Benecchi	A deep survey of KBOs for searching potential mission targets for New Horizons using Subaru Telescope
A08	4655	Chung To Andy Kong	Exploring AI-Assisted Data Preparation for Future Astronomical Facilities: A Small Pilot Study with NASA SDO Data
A09	6442	Maxim Pupkov, Vladislav Zubko, Olga Chernenko, Natan Eismont and Olga Starinova	Analysis of orbits near the L2 Sun-Earth libration point, ensuring the spacecraft's approach to the Apophis asteroid

4. Event Photos

Please refer to the PPT file .

5. Organizing Team

5.1. Scientific Organizing Committee

Full name	Role *[Chair/Co-chair/Member]*	Affiliation, country
Prof. Quentin Parker	Chair	Laboratory for Space Research, HKU, HKSAR China
Prof. Saeko Hayashi	Member	Kavli IPMU, Tokyo, Japan
Prof. Rosa Gonzalez-Lopezlira	Member	National Autonomous University of Mexico (UNAM), Mexico
Assoc. Prof. Karen Pollard	Member	University of Canterbury, New Zealand
Prof. Boonsrucksar Soonthornthum	Member	NARIT, Thailand
Prof. Lister Staveley-Smith	Member	ICRAR, Uni. Western Australia, Australia
Prof. You-Hua Chu	Member	Academia Sinica Institute of Astronomy and Astrophysics (ASIAA), Taiwan
Prof. Suijian Xue	Member	National Astronomical Observatories, CAS, China
Prof. Jongsoo Kim	Member	Korea Astronomy and Space Science Institute, South Korea
Prof. Daniela Calzetti	Member	University of Massachusetts, USA
Prof. Hesti Wulandari	Member	Institut Teknologi Bandung, Indonesia
Prof. Boris Shustov	Member	Institute of Astronomy RAS, Russia
Prof. Annapurni Subramaniam	Member	Indian Institute of Astrophysics, Bangalore, India
Dr. Diep Ngoc Pham	Member	National Space Center, Vietnam

Number of men: 7
Number of women: 7

5.2. Local Organizing Committee

Full name	Role *[Chair/Co-chair/Member]*	Affiliation, country
Prof. Quentin Parker	Chair	Laboratory for Space Research, HKU, HKSAR China
Prof. Meng Su	Member	Laboratory for Space Research, HKU, HKSAR China
Dr. Seyedabdolreza Sadjadi	Member	Laboratory for Space Research, HKU, HKSAR China
Dr. Andreas Ritter	Member	Laboratory for Space Research, HKU, HKSAR China
Dr. Partha Sarathi Pal	Member	Laboratory for Space Research, HKU, HKSAR China
Dr. Chung To Kong	Member	Laboratory for Space Research, HKU, HKSAR China
Ms. Katie Strattman	Member	Laboratory for Space Research, HKU, HKSAR China

Mr. Zhengjie Tian	Member	Laboratory for Space Research, HKU, HKSAR China
Ms. Xian Wu	Member	Laboratory for Space Research, HKU, HKSAR China
Ms. Clara Sigrid Lo	Member	Laboratory for Space Research, HKU, HKSAR China
Ms. Scorpio Rokumon Wong	Member	Laboratory for Space Research, HKU, HKSAR China

Number of men: 7
Number of women: 4