

SEAAN MEETING PROGRAMME



DAY 1

13 OCTOBER 2025



ROOM A: MULTIPURPOSE HALL, CENTER FOR RESEARCH AND COMMUNITY SERVICES (CRCS) BUILDING (3RD FLOOR)

ROOM B: CONVENTION HALL, CENTER FOR ADVANCED SCIENCES (CAS) BUILDING (1ST FLOOR)

TIME	PROGRAM	
	ROOM A	ROOM B
08:00 - 08:30	Registration Day 1	
08:30 - 09:00	Opening Ceremony	
09:00 - 09:30	Keynote Talk 1: Taufiq Hidayat (ITB, Indonesia) "Development of Radio Astronomy in Indonesia and Networking in South East Asia Countries" <i>Chair: Boonrucksaar Soonthorntuum</i>	
09:30 - 10:00	Keynote Talk 2: Mareki Honma (NAOJ, Japan) "Current Status of NAOJ and Collaboration EAMA-SEAAN" <i>Chair: Boonrucksaar Soonthorntuum</i>	
10:00 - 10:30	Coffee Break	
	Room A: Stellar Physics Part I (6 presenters) Chair: Hakim L. Malasan	Room B: Galaxies and Cosmology Part I (5 Presenters) Chair: Abel Yang
10:30 - 10:45	Oral 01 - ABS-46: Bakuh Danang Setyo Budi Unveiling Oxygen Past with Subaru/IRD: Oxygen Abundance of Very Metal-Poor Stars	Oral 18 - ABS-56: Dian Puspita Triani Can Supersoft X-ray Sources Power Nebular He II Emission? Modeling Predictions and Observational Clues
10:45 - 11:00	Oral 02 - ABS-41: Amandaru Taruna Mandala A Study of the Circumstellar Envelopes of δ Centauri and η Centauri Based on H α Line and Geometric Modeling	Oral 19 - ABS-30: Rafli Rizaldi A Parallax Distribution-Based Gaussian Mixture Model for Membership Determination in Open Clusters of Solar Neighborhood



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11:00 - 11:15	Oral 03 - ABS-88: Evan I Akbar Time of Minima Analysis of Eclipsing Binaries MV Car, V0604 Car, AD CnC, MQ CnC, and KV Gem	Oral 20 - ABS-49: Azumah Yasmin Determination of Galaxy Rotation Curves from the HALOGAS and LITTLE THINGS Surveys Using 2D and 3D Techniques
11:15-11:30	Oral 04 - ABS-31: Satrio Fatkhusalma Measurements of Visual Double Stars Orbit	Oral 21 - ABS-75: Agharini Linda Ariyani Exploring Machine Learning Architecture for Predicting Stellar Mass and Star Formation Rate of Galaxies from SDSS, ALLWISE, and GAMA Data
11:30 - 11:45	Oral 05 - ABS-43: Firshanda Alvyanita The Study of Solar Proton Events Characteristics in Solar Cycle 24 Using Principal Component Analysis	
12:00 - 13:00	Lunch	
13:00 - 13:30	Keynote Talk 3: Pedro Russo (Leiden University, The Netherlands) "Science Communication" Chair: Hakim L. Malasan	
13:30 - 14:30	Poster Session	
	Room A: Public Outreach, Education, and Popularization of Astronomy (12 Presenters) Chair: Luis Soares	Room B: Instrumentation in Astronomy (12 Presenters) Chair: Dhani Herdiwijaya
14:30 - 10:45	Oral 06 - ABS-19: Achmad Zainur Rozzykin Toward Inclusive Astrophotography: Exploration of Color-Adjusted RGB Composite Images for Dichromat Vision Using Sirilample Abstract	Oral 22 - ABS-74: Koichiro Sugiyama Development of Radio Astronomy Infrastructure in Thailand: The Center for Radio Astronomy and Engineering and Beyond
14:45 - 15:00	Oral 07 -ABS-86: Muhammad Maulidan Cafe Palintangan: Reviving Astronomical Heritage and Engaging Gen-Z in Rural Sidorejo, Kulon Progo, Indonesia	Oral 23 - ABS-28: Rihhadatul Aisy Telescope Handbox Design Based on Serial Communication with RS485 Using Arduino Uno Microcontroller Board



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TIME	PROGRAM	
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15:00 - 15:15	Oral 08 - ABS-24: Girlie G. Cortez Beyond the Classroom: Government-Led Astronomy Education Outreach in the Philippines - Insights from DOST-PAGASA's Programs	Oral 24 - ABS-37: Rafa Nanda Akilah Progress and Future Development of an SDR-Based Radio Telescope for Hydrogen and Hydroxyl Line Observations at Institut Teknologi Bandung
15:15-15:30	Oral 09 - ABS-77: Muhammad Fajri Kholili Zain, Inayah Unlocking Educational Potential for the Introduction of Astronomy Through the Planetarium of UIN Walisongo Semarang	Oral 25 - ABS-1: Luthfi Naufal Deep Learning-Based Sunspot Segmentation and Classification Using Gradient Features for McIntosh Morphology Identification in Solar Imagery
15:30 - 15:45	Oral 10- ABS-71; Nguyen Tan Vu The Story of Amateur Astronomy in Vietnam	Oral 26 - ABS-51: Khaulatul Azwari, Maulana Hendra Pratama, Alfadiyah Zilda Rosa Calculation Position of the Moon and Sun During Observation Hilal 26 June 2025 at Bosscha Observatory Using the Astronomical Almanac 2025
15:45 - 16:00	Coffee Break	Oral 27 - ABS-85: Naufal Muhammad Dzaky Widodo Characterizing Atmospheric Seeing Over the ITB Campus Using DIMM
	Chair: Matipon Tangmatitham	
16:00 - 16:15	Oral 11 - ABS-39: Avivah Yamani Speaking the Same Sky: Indonesia Astronomy Dictionary as a SEA Model	Oral 28 - ABS-16: Muhammad Zakky Aprianizar Performance Evaluation of the SBIG Aluma AC4040 FSI for a New Telescope at Bosscha Observatory
16:15 - 16:30	Oral 12 - ABS-20: Jastine Michaela Adduru Development of a FLIP CHART on Astronomical Events and Other Astronomical Information	Coffee Break



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TIME	PROGRAM	
	ROOM A	ROOM B
16:30 - 16:45	Oral 13 - ABS-35: Luthfiandari Integrating Light Pollution Literacy into Environmental Education in Elementary School	
16:45 - 17:00	Oral 14 - ABS-83: Nadila Fitriyani Light Pollution Awareness Through Elementary Education: An Astronomy Public Outreach Program by Bosscha Observatory	
17:00 - 17:15	Oral 15 - ABS-17: Ajeng Tri Handini Bridging Science and Community: Youth-Focused Astronomy Activities at Bosscha Observatory	
17:15 - 17:30	Oral 16 - ABS-11: Theofilus Hobba Pramono Exploring the Societal Impacts of Timau National Observatory, Indonesia	
17:30 - 17:45	Oral 17 - ABS-81: Amirul Hazim Kamarulzaman Galaksi: Bridging Astronomy and Public Curiosity Through Edutainment Television Show	
19:00 - 20:30	Conference Dinner	





DAY 2

14 OCTOBER 2025



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TIME	PROGRAM	
	ROOM A	ROOM B
08:00 - 08:30	Registration Day 2	
08:30 - 09:00	Keynote Talk 4: Orapin Riyaprao (NARIT, Thailand) "Collaboration in Archeo and Ethno-Astronomy among South East Asia Countries" <i>Chair: Rosario Ramos</i>	
09:00 - 09:30	Keynote Talk 5: E. Sungging Mumpuni (BRIN, INDONESIA) "Progress of the Construction of National Observatory of Timau, and Science Prospects" <i>Chair: Rosario Ramos</i>	
09:30 - 10:00	Coffee Break	
	Room A: Stellar Physics Part 2 (5 presenters) Chair: Tharith Sriv	Room B: Planetary Science (5 Presenters) Chair: Norhasliza Yusof
10:00 - 10:15	Oral 29 - ABS-26: Sahlan Ramadhan Multifrequency Methanol Maser Observations with the Ibaraki 32-m Radio Telescopes	Oral 41 - ABS-5: Anugrah Aditya Insani Assessing and Mapping the Exogeodiversity and Beyond: Analogy, Current Concept, and Future Research Opportunities in Planetary Science
10:15 - 10:30	Oral 30 - ABS-23: Ahmad Habibi Syah Analysis of the Colour–Magnitude Diagram of the Open Cluster NGC 5822 Based on Observations Using the ITERA Robotic Telescope	Oral 42 - ABS-25: Muhammad Isnaenda Ikhsan Constraining Small Planet Properties in Resonant Orbits Using TTVFast and LSTM Models
10:30 - 10:45	Oral 31 - ABS-36: Chatief Kunjaya The Observation of AM CVn Type Star SDSS J080449.49+161624.8	Oral 43 - ABS-29: Kiki Citra Wati Station Keeping Design for Satellites in Sun-Synchronous Orbit Using Eccentricity and Semi-major Axis Maneuver Correction Methods
10:45 - 11:00	Oral 32 - ABS-22: Bryant Randolph X-ray Timing Study of Galactic Pulsating Ultraluminous X-ray Sources with NICER	Oral 44 - ABS-54: Lingga Hanum Imaging Lunar Polarization with Sony PolarSens IMX250MZR: A Monochrome CMOS Sensor with Polarization Filter Array (PFA)



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TIME	PROGRAM	
	ROOM A	ROOM B
11:00 - 11:15	Oral 33 - ABS-8: Agus Triono Puri Jatmiko Bayesian Nested Sampling for Robust Model Selection and Validation of Lunar Occultation Light Curves	Oral 45 - ABS-76: Dhea Syifa Putri Iwata Analysis of the Effect of Solar Activity and Lunar Gravity on Earthquakes During the 24th Solar Cycle (2008-2019)
11:15 - 11:30	Oral 34 - ABS-73: Norhasliza Yusof From Early Universe to Current Universe: The Impact of Massive Stars Throughout the Cosmic Time	
11:30 - 12:30	Poster Session Day 2	
12:30 - 13:15	Lunch	
	Room A: Astronomical History and Heritage (8 Presenters) Chair: Yee Yee Oo	Room B: Galaxy and Cosmology Part 2 (5 Presenters) Chair: Hasan A. Kassim
13:15 - 13:30	Oral 35 - ABS-10: Shubha BS Unveiling Visvanatha's Mathematical Innovations in Astronomy Manuscript	Oral 46 - ABS-42: Hafiz Indra Arwinata Analysis of the Redshift Lens Probability Distribution Method in Constraining Cosmological Parameters
13:30 - 13:45	Oral 36 - ABS-48: Aidila Fitria Syafa Reconstruction of the Astronomical Phenomenon Behind the Tale of Lintang Kemukus in the Late Majapahit Era	Oral 47 - ABS-45: Abu Ala An-Nadwi Constructing the Potential of a Noncanonical Scalar Field for Dark Energy and Analyzing Its Effects on Cosmic Inhomogeneity
13:45 - 14:00	Oral 37 - ABS-18: Shubha BS The Heritage of Astronomical Manuscripts in Mysore	Oral 48 - ABS-79: Andi Sitti Mariyam Galaxy Cluster Membership Between $z \sim 0.2-0.4$ Using KDE Approach with RELICS Data
14:00 - 14:15	Oral 38 - ABS-27: Sastri Sunarti Good Days and Bad Days Based on Astrological Calculations in the Malay-Minangkabau Palangkahan Manuscript	Oral 49 - ABS-9: Ibnu Nurul Huda Influence of Gaia Celestial Reference Frame on VLBI Estimated Quasars Positions and Celestial Pole Offset
14:15 - 14:30	Oral 39 - ABS-12: Shylaja B S The Total Solar Eclipse of 18th August 1868 – The Aftermath	Oral 50 - ABS-47: Itsna Khoirul Fitriana Galaxy Cruise Season 2: Expanding Citizen Science-Based Galaxy Morphology Catalogs in the Local Universe



DAY2

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TIME	PROGRAM	
	ROOM A	ROOM B
14:30 - 14:45	Oral 40 - ABS-14: Kharisma Nabila Possible New Astronomical Alignments in Cetho Temple Analysed from Digital Sky Simulation	
14:45 - 15:00	Coffee Break	
15:00 - 15:30	Closing Ceremony	



DAY3

15 OCTOBER 2025



TOUR OF BOSSCHA OBSERVATORY

TIME	PROGRAM	
08:00 - 08:30	Assembly at ITB	Center for Research and Community Services (CRCS) Building, 1st floor
08:30 - 09:30	Travel to Lembang	Bus
09:30 - 11:00	Tour	Bosscha Observatory
11:00 - 12:00	Return Trip to ITB	Bus
14:00 - 14:45	Public Lecture - Paul Ho	Moderator: Premana W. Premadi
14:45 - 15:30	Public Lecture - Huub Rottgering	Multipurpose Hall, Center for Research and Community Services (CRCS) Building (3rd floor) ITB
15:30 - 16:00	Q&A	

