

**21 September 2021**

**Local Western Indonesia Time (GMT+7)**

**ROOM-6 JATAYU** (Invited Speaker: Dr. Yasunobu Miyoshi)

**Chairs:** Masuda Shuto, Yuichi Otsuka, Prayitno Abadi

**Total: 1 invited talk + 23 articles**

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Agri Faturahman, Varuliantor Dear, Jiyo Harjosuwito, Afrizal Bahar, Asnawi Husin and Rezy Pradipta	Ionospheric Observation using Equatorial Atmosphere Radar (EAR) Kototabang for the 26 December 2019 Annular Solar Eclipse Research	R6-001
08:45 – 08:55	Muly Preti Mahayu, Ednofri and Alfiah Rizky Diana Putri	Study of the Characteristics of Ionospheric F layer above Kototabang during Flare Event on August 9, 2011	R6-002
08:55 – 09:05	Masuda Shuto, Yokoyama Tatsuhiro and Yamamoto Mamoru	Long-Term Analysis of Electron Density Observed by the MU Radar and Auto-Scaled Ionosonde Data	R6-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Afrizal Bahar, Varuliantor Dear, Asnawi Husin, Jiyo Harjosuwito, Agri Faturahman and Rezy Pradipta	Exploring an Extension of Space Situational Awareness in Southeast Asian Region Utilizing EAR Observation data	R6-004

09:25 – 09:35	Yuichi Otsuka and Prayitno Abadi	Scintillation Drift Velocity Observed by Closely-Spaced GPS Receivers in Indonesia	R6-005
09:35 – 09:45	Anwar Santoso and Dyah Rahayu Martiningrum	Estimation of Geomagnetic Storm of Solar Cycle 24 Based on Solar Wind and Magnetic Field Parameters	R6-006
09:45 – 09:55	Prayitno Abadi, Gilland F. P. Achyar, Dyah R. Martiningrum, Reza R. Septiawan, Umar A. Ahmad and Septi Perwitasari and Punyawati Jamjareegulgarn	The Equatorial Spread-F Occurrence as Functions of Solar Activity, Geomagnetic Activity, and Evening Upward Plasma Drift Analyzed by Logistic Regression	R6-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	<b>Yasunobu Miyoshi (Invited Talk)</b>	<b>Impacts of the 2019 Antarctic stratospheric sudden warming event on the equatorial thermosphere and ionosphere</b>	
10:40 – 10:50	Nizam Ahmad	The Characteristic of Ionospheric Plasma around a Bias Spacecraft in Space	R6-008
10:50 – 11:00	Dyah Rahayu Martiningrum, Prayitno Abadi, Anwar Santoso and Mamoru Yamamoto	Morphological of E-F Region Field Aligned Irregularities in Low Latitude	R6-009

11:00 – 11:10	Ednofri	Impact Of Plasma Depletion on The Occurrence of Scintillation in the Minimum Years Phase of Solar Cycle 23	R6-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Ni'Matus Sholikhah and Bambang Setiahi	Simulation of Solar Flare Mechanism Based on Ideal Magnetohydrodynamics State by Disrupting the Stability of Magnetic Field Due to the Plasma Momentum Injection	R6-011
11:30 – 11:40	Neflia Neflia	The Characteristics of Solar Flare and CMEs that Caused SPE during Solar Cycle 24	R6-012
11:40 – 11:50	Amatul Firdausya N. Cahyaningtyas, Siska Filawati and Silvi Oktavia Hanum	Flare Potentiality Associated to Different Sunspot Groups During Solar Cycle 24 Observed by LAPAN Pasuruan	R6-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (Conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Mario Batubara, Timbul Manik, Musthofa Lathif and Peberlin Sitompul	Optimization of Array System Configuration Using the Smoothed-Pad Algorithm	R6-014
13:10 – 13:20	Tiar Dani, Rhorom Priyatikanto, Anton	Solar Wind Speed Time-Series Forecasting Based on Long Short-	R6-015

	Winarko and Gerhana Puannandra Putri	Term Memory (LSTM) Neural Network Model	
13:20 – 13:30	Kazuo Shiokawa and Yuichi Otsuka	A Review of Observations of Equatorial Gravity Waves in the Mesosphere and Thermosphere Using an Airglow Imager at Kototabang, Indonesia	R6-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Farahhati Mumtahana and Taufiq Hidayat	Continuum Study on Uranus at the Millimeter/submillimeter Wavelength with ALMA Data	R6-017
13:50 – 14:00	Yoga Andrian, Ahmad Zulfiana Utama and Rizal Suryana	The Implementation of API Gateway Architecture on Space Weather Information System	R6-018
14:00 – 14:10	Intan Perwitasari and Stevani Anggina	Risk Management of Spaceport in Indonesia: Vulnerability Level of Spaceport Biak	R6-019
14:10 – 14:20	Karunika Diwyacitta, Andy Indradjad and Budhi Gustiandi	Automatic True Color Composites Generation Based on NOAA JPSS Satellites Data	R6-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Rizki Atthorih Hidayat, Muhammad Hanif, Giant Amor and Hafizurrahman H	Utilization Of VIRRS Imagery in Analyzing Light Pollution as the Threat Towards Bird Performance in	R6-021

		the Region of Medan, North Sumatra, Indonesia	
14:55 – 15:05	I Putu Dedy Pratama, Ni Luh Desi Purnami, Pande Komang Gede Arta Negara and Putu Eka Tulistiawan	Spatial and Temporal Lightning Analysis in Bali	R6-022
15:05 – 15:15	Alfiah Rizky Diana Putri, Robiatul Muztaba, Lesi Mareta, Mhd. Apri Arami, Muhammad Rizki Kurniawan, Adoni Theofilus, Jaka Pacitro, Fiqhy Alfath Faza Herzaditya and Hakim Luthfi Malasan	Sumatera, Indonesia: Development vs Dark Sky from Nightlight Perspective	R6-023
15:15 – 15:25	Discussion		
15:25 – 15:30	Moderator (conclusion)		