

21 September 2021

Local Western Indonesia Time (GMT+7)

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

Chairs: Yokoyama Tatsuhiro, Yuichi Otsuka, Prayitno Abadi

Total: 1 invited talk + 23 articles

Time	Authors	Title	ID (Video/Real Time)	Chairs
08:30 – 08:35	Moderator			Yokoyama Tatsuhiro
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 (Video)	Yokoyama Tatsuhiro
08:45 – 08:55	Muly Pretiy 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 (Video)	Yokoyama Tatsuhiro
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 (Video)	Yokoyama Tatsuhiro
09:05 – 09:15	Discussion			
09:15 – 09:25	Afrizal Bahar, Varuliantor Dear, Asnawi Husin, Jiyo	Exploring an Extension of Space Situational Awareness	R6-004 (Video)	Yokoyama Tatsuhiro

	Harjosuwito, Agri Faturahman and Rezy Pradipta	in Southeast Asian Region Utilizing EAR Observation data		
09:25 – 09:35	Yuichi Otsuka and Prayitno Abadi	Scintillation Drift Velocity Observed by Closely-Spaced GPS Receivers in Indonesia	R6-005 (Video)	Yokoyama Tatsuhiro
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 (Video)	Yokoyama Tatsuhiro
09:45 – 09:55	Prayitno Abadi, Gilland F. P. Achyar, Dyah R. Martiningrum, Reza R. Septiawan, Umar A. Ahmad and Septi Perwitasari and Punyawi Jamjareegulgarn	The Equatorial Spread-F Occurrence as Functions of Solar Activity, Geomagnetic Activity, and Evening Upward Plasma Drift Analyzed by Logistic Regression	R6-007 (Video)	Yokoyama Tatsuhiro
09:55 – 10:05	Discussion			Yokoyama Tatsuhiro
10:05 – 10:10	Moderator (conclusion)			Yokoyama Tatsuhiro
10:10 – 10:20	Break			
10:20 – 10:40	Yasunobu Miyoshi (Invited Talk)	Impacts of the 2019 Antarctic stratospheric sudden warming event on the equatorial thermosphere and ionosphere		Yuichi Otsuka

10:40 – 10:50	Nizam Ahmad	The Characteristic of Ionospheric Plasma around a Bias Spacecraft in Space	R6-008 (Real Time)	Yuichi Otsuka
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 (Video)	Yuichi Otsuka
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 (Video)	Yuichi Otsuka
11:10 – 11:20	Discussion			Yuichi Otsuka
11:20 – 11:30	Ni'Matus Sholikhah and Bambang Setiahad	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 (Video)	Yuichi Otsuka
11:30 – 11:40	Neflia	The Characteristics of Solar Flare and CMEs that Caused SPE during Solar Cycle 24	R6-012 (Video)	Yuichi Otsuka
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 (Video)	Yuichi Otsuka
11:50 – 12:00	Discussion			Yuichi Otsuka

12:00 – 12:05	Moderator (Conclusion)			Yuichi Otsuka
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 (Video)	Prayitno Abadi
13:10 – 13:20	Tiar Dani, Rhorom Priyatikanto, Anton Winarko and Gerhana Puannandra Putri	Solar Wind Speed Time-Series Forecasting Based on Long Short-Term Memory (LSTM) Neural Network Model	R6-015 (Video)	Prayitno Abadi
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 (Video)	Prayitno Abadi
13:30 – 13:40	Discussion			Prayitno Abadi
13:40 – 13:50	Farahhati Mumtahana and Taufiq Hidayat	Continuum Study on Uranus at the Millimeter/submillimeter Wavelength with ALMA Data	R6-017 (Video)	Prayitno Abadi
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	Prayitno Abadi
14:00 – 14:10	Intan Perwitasari and Stevani Anggina	Risk Management of Spaceport in Indonesia:	R6-019 (Real Time)	Prayitno Abadi

		Vulnerability Level of Spaceport Biak		
14:10 – 14:20	Karunika Diwyacitta, Andy Indradjad and Budhi Gustiandi	Automatic True Color Composites Generation Based on NOAA JPSS Satellites Data	R6-020 (Real Time)	Prayitno Abadi
14:20 – 14:30	Discussion			Prayitno Abadi
14:30 – 14:35	Moderator (conclusion)			Prayitno Abadi
14:35 – 14:45	Break			
14:45 – 14:55	Rizki Atthoriq Hidayat, Muhammad Hanif, Giant Amor and Hafizurrahman H	Utilization Of VIRRS Imagery in Analyzing Light Pollution as the Threat Towards Bird Performance in the Region of Medan, North Sumatra, Indonesia	R6-021	Yokoyama Tatsuhiro
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	Yokoyama Tatsuhiro
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 (Real Time)	Yokoyama Tatsuhiro

15:15 – 15:25	Discussion			Yokoyama Tatsuhiro
15:25 – 15:30	Moderator (conclusion)			Yokoyama Tatsuhiro