R008：宇宙プラズマ科学 (Space Plasma Science)

	発表時間	タイトル (Title)	主著者 (First Author)	
C会場：11/26　AM1（9:15-10:45）				
1	9:15 - 9:30	Dependence of magnetic reconnection outflow on the current sheet condition	Koji	Kondoh
2	9:30 - 9:45	Relationship between Hall effect and reconnection rate with multi-hierarchy simulation	Keita	Akutagawa
3	9:45 - 10:00	Reconstruction of Magnetohydrodynamic (MHD) Reconnection Structures by Physics-informed Neural Networks (PINNs)	Shogo	Isayama
4	10:00 - 10:15	The dissipation effect variations in resistive MHD shock waves	Tohru	Shimizu
5	10:15 - 10:30	Observational studies of thermal and non-thermal electron energy partition at Earth's bow shock	Ryuichiro	Honda
6	10:30 - 10:45	Energy Partitioning of Ions and Electrons for Parallel Shock Waves	Masahiro	Hoshino
C会場：11/26　PM2（14:50-16:20）				
1	14:50 - 15:05	Generation of coherent quasi-parallel whistler waves at Earth's bow shock	Takanobu	Amano
2	15:05 - 15:20	Electron Confinement and Associated Acceleration at Quasi-Perpendicular Shocks	Ruolin	Wang
3	15:20 - 15:35	Reflected ions and nonstationarity confirmed in collisionless shock experiment using power laser	Shuichi	Matsukiyo
4	15:35 - 15:50	Selective positron acceleration by relativistic electron-positron-ion shocks and its application to astronomical objects	Shori	Arai
5	15:50 - 16:05	The Formation of Jet of M87 Galaxy Revealing Existence of Central Binary of Super Massive Brack Hole	Hiroshi	Oya
C会場：11/27　AM1（9:15-10:45）				
1	9:15 - 9:30	Propagation of Linearly Polarized Strong Waves in Pair Plasmas	Masanori	Iwamoto
2	9:30 - 9:45	Instability analysis of lower hybrid and ion Bernstein waves driven by energetic ions	Tsubasa	Kotani
3	9:45 - 10:00	Computer Simulation of Dust Impact signals Detected by Electric Field Instruments Onboard Satellites	TUNGJUN	LIN
4	10:00 - 10:15	Particle Simulations of Space Charge Effects Associated with Secondary Emission from Spacecraft	Yuta	MURAI
5	10:15 - 10:30	Plasma two-fluid simulation using Physics-Informed Neural Networks (PINNs)	Ryo	Kono

C会場：11/27　AM2（11:05-12:35）

1	11:05 - 11:20	Loading of relativistic Maxwellian-type distribution revisited	Takayuki	Umeda
2	11:20 - 11:35	Secondary conservative finite difference scheme for compressible magnetohydrodynamics in orthogonal curvilinear coordinates	Haruhisa	Iijima
3	11:35 - 11:50	Beyond Surfaces: Twist and Curvature in the Skeleton Geometry of Magnetic and Fluid Fields via the Extended Frenet Frame	Akimasa	Yoshikawa
4	11:50 - 12:05	On Vlasov-Schrodinger equations correspondence	Yosuke	Matsumoto
5	12:05 - 12:20	A quantum algorithm for nonlinear electromagnetic fluid dynamics using Koopman-von Neumann Linearization	Hayato	Higuchi

ポスター2：11/25　PM1 （13:45-15:45）

1	High-power laser experiment of nonstationary collisionless shock	Kana	Takahashi
2	Statistical analysis of harmonic upper hybrid and Langmuir waves observed by the MMS spacecraft	Tsubasa	Kotani
3	Parametric instabilities of a relativistic Alfv?n wave in strong magnetic fields	Kanta	NAKAHARA
4	Plasma instabilities in a bounded system	Yumeng	Fan
5	Particle Simulation of Electrostatic Plasma Environment in Permanently Shadowed Regions of the Moon with Localized Magnetic Fields	Arata	TSUCHIDA
6	Numerical Simulations of Potential and Electric Field Measurements near the Lunar Surface	Taito	TANIGUCHI
7	Linear properties of machine-learning-based closure models for collisionless plasmas	Mei	Kanda
8	Suppression of Numerical Errors in the Charge Conservation Law for Finite-Difference Time-Domain Method with Higher-Order Accuracy	Harune	Sekido
9	Time series analysis of electron motion based on the guiding center approximation	Fumiko	Otsuka
10	Reduction of phase velocity errors in higher-order Finite-Difference Time-Domain methods	Xinyu	GE