

## 平成 20 年度 磁気圏電離圏シンポジウム

日時：平成 20 年 11 月 26 日（水）～28 日（金）  
講演会場：A 棟 2 階大会議場  
ポスター会場：新 A 棟 2 階 A 会議室  
世話人：宇宙プラズマ研究系 教授 前澤 洸

### プログラム

11 月 26 日（水）

9:00-10:30 Japanese community, alive and kicking

A review of Geotail achievements (30min)

前澤 洸

Status of instrumentalists: Particle (20min)

浅村 和史

Status of instrumentalists: Field (20min)

松岡 彩子

Status of simulationists (20min)

梅田 隆行

10:30-11:00 Break and Poster set-up time

11:00-14:00 Lunch and Poster viewing

14:00-16:00 Results from formation flying observations

Cluster results (30min)

P. Escoubet

The dusk-side magnetopause under northward IMF: Cluster observations in November (20min)

長谷川 洋

THEMIS results (30min)

V. Angelopoulos

Large-scale picture of storm-time convection seen by THEMIS (20min)

堀 智昭

THEMIS observations of the fast flow propagations and dipolarization  
expansions (20min)

高田 拓

16:00-17:30 Poster viewing

11月27日(木)

9:00-12:30 Into the inner-magnetosphere

三好 由純

Kazue Takahashi

I. Mann

A. Petrukovich

V. Angelopoulos

S. Fu

F. Cheng

J.-J. Lee

12:30-14:30 Lunch and Poster viewing

14:30-17:30 Towards the Plasma Universe

A. Vaivads

藤本 正樹

W. Liu

S. Bale

11月28日(金)

9:15-11:00 Towards the Plasma Universe (cont'd)

S. Schwartz

S. Savin

C. Wang

Intelligent observations (15min)

篠原 育

11:00-11:30 Break for local discussion, or Poster viewing

11:30-12:30 Exploring different parameter space

The lunar plasma environment

西野 真木

Mercury and Jupiter

笠羽 康正

12:30- Free afternoon for further discussion

## ポスター

- P1. 浅村 和史／ISAS  
Plasma particle instruments onboard SCOPE
- P2. 平原 聖文／東大  
Plasma/particle experiment (PPE) for the ERG mission
- P3. 笠羽 康正／東北大  
Development of Electric field and Plasma Wave Investigations for Future Space Missions: ERG, SCOPE and beyond
- P4. 笠原 慧／ISAS  
Development of Medium-Energy Plasma Instruments for Missions of a New Era
- P5. 松岡 彩子／ISAS  
Radiation tolerant fluxgate magnetometer for BepiColombo MMO and ERG missions
- P6. 松岡 彩子／ISAS  
Development of digitalized fluxgate magnetometer for SCOPE mission
- P7. 三好 由純／名大 STE 研  
Japanese geospace exploration mission during the next solar maximum: ERG project
- P8. 行松 彰／極地研  
SuperDARN as a ground-based tool for future satellite missions
- P9. 家田 章正／名大 STE 研  
Longitudinal association between magnetotail reconnection and auroral breakup based on Geotail and Polar observations
- P10. 家田 章正／名大 STE 研  
Video observations of auroras at Fort Smith for the THEMIS major conjunctions on March 1 and 5, 2008
- P11. 河野 英昭／九大  
Ground-based monitoring of the magnetospheric plasma density by using MAGDAS/CPMN
- P12. 西谷 望／名大 STE 研  
SuperDARN Hokkaido radar / Today and future of mid-latitude SuperDARN network

- P13. 塩川 和夫／名大 STE 研  
Ground-based observation networks for the ERG project
- P14. 山岸 久雄／極地研  
Unmanned magnetometer network observation in the surrounding area of Antarctic Syowa Station
- P15. 橋本 和典／東大  
Statistical analysis on the travelling directions of vortex in the magnetotail boundary layer
- P16. 平井 真理子／東大  
Roles of the Double Lobe Reconnection and Kelvin-Helmholtz Instability in the Formation of Cold Dense Plasma Sheet
- P17. 井口 恭介／ISAS  
Analysis of magnetic variations associated with substorm current wedge formation observed by THEMIS
- P18. 井筒 智彦／ISAS  
Multi-point observations of dense plasmas in the magnetotail
- P19. 町田 忍／京大  
Statistical visualization of the Earth's magnetotail based on Geotail data and the implied substorm model
- P20. 宮下 幸長／ISAS  
Pressure change associated with depolarization in the near-Earth plasma sheet
- P21. 中村 るみ／オーストリア宇宙科学研究所  
Multi-scale multi-point measurements by Cluster in magnetotail current sheet
- P22. 中野 慎也／統数研  
Fusion of observations and a dynamic model for modeling the inner magnetosphere
- P23. 能勢 正仁／京大  
MDS-1 satellite observations of magnetic field dipolarization in the deep inner magnetosphere
- P24. 岡部 勝臣／ISAS  
Energetic ions accelerated at the Earth's bow shock during CME event: Test particle simulation

- P25. 岡部 勝臣／ISAS  
Current sheet and magnetic reconnection observed in the solar photosphere: HINODE observation
- P26. 齋藤 実穂／ISAS  
Possible chain of processes and auroras observed during substorm expansion phase onsets
- P27. 関 克隆／ISAS  
Non-stationary shock structure due to the upstream waves observed by Cluster
- P28. A. Vaivads／IRF  
Suprathermal electron energization in the reconnection jet braking regions - Cluster observations
- P29. 天野 孝伸／名大 STE 研  
Nonthermal electron acceleration in high Mach number shocks
- P30. 深沢 圭一郎／NICT  
Comparative magnetosphere from the global simulation
- P31. 加藤 雄人／東北大  
Rapid energization of radiation belt electrons in the generation process of whistler-mode chorus emissions
- P32. 松本 洋介／名大 STE 研  
Transitions to turbulence via Kelvin-Helmholtz instability
- P33. 中村 琢磨／ISAS  
Two-stage cross-scale coupling caused in the MHD-scale Kelvin-Helmholtz vortex: Non-MHD simulations,
- P34. 成行 泰裕／高知高専  
On nonlinear evolution of Alfvénic turbulence in the solar wind
- P35. 萩野 竜樹／名大 STE 研  
High Resolution Global MHD Simulation of Interaction between the Solar Wind and Earth's Magnetosphere
- P36. 齊藤 慎司／名大 STE 研  
A loss mechanism of relativistic electrons in the outer radiation belt during quiet times: Test-particle simulation
- P37. 関 華奈子／名大 STE 研  
Investigation of particle acceleration and transport in Geospace: The ERG project and related pre-launch activities for integrated data analysis and modeling

- P38. 清水 徹／愛媛大  
Three-dimensional spontaneous fast magnetic reconnection in one-dimensional current sheet like geomagneto-tail
- P39. 田中 健太郎／ISAS  
Explosive magnetic reconnection in super-ion scale current sheet: Unexpected role of ion temperature anisotropy
- P40. 坪内 健／NICT  
Alfven wave evolution through CIR
- P41. 山地 僚平／愛媛大  
Visualization and Analysis of Three Dimensional Shock Surface Structure Associated with Magnetic Reconnection