Papers presented to the 26th Symposium on Antarctic Meteorites held at the National Institute of Polar Research, Tokyo June 12 – 14, 2001

1. Amari S., Zaizen S. and Matsuda J.
   An attempt to physically separate Q
2. Arai T.
   Mineralogical study of Lunar mare meteorite EET 96008
3. Bérczi Sz., Józsa S., Szakmány Gy., Dimén A., Deák F., Borbéi F., Florea N., Peter A., Fabriczy A., Földi T., Gál A., Kubovics I., Puskás Z. and Unger Z.
   Tentative TTT-diagram from textures of basalts and basaltic clasts of the NASA Lunar Educational Set: Comparisons to terrestrial basalts
4. Chen M., El Goresy A., Reynard B. and Gillet P.
   A comparative Raman spectroscopic study of maskelynite in SNC meteorites and diaplectic plagioclase glass from the Ries crater: Implications to their origin
5. Detre C.H., Kalafut M. and Detre-Lombay K.
   Possible giant buried meteorite crater identified in South-West Hungary
6. Ebisawa N., Okazaki R., Nagao K. and Yamaguchi A.
   Laser microprobe analysis of noble gas composition in the Allende meteorite
7. Funaki M., Koshita M. and Nagai H.
   Magnetic field irradiated from an Odessa iron meteorite
8. Földi T. and Bérczi Sz.
   Quasiatmospheric electrostatic processes on dusty planetary surfaces: Electrostatic dust and water molecule coagulation and transport to the poles
9. Goswami J.N., Sinha N., Nakamura N. and Nishiizumi K.
   Exposure history of the Kobe (CK) meteorite: Constraints from nuclear track and cosmogenic nuclide data
10. Hashizume K., Marty B. and Wieler R.
    Single grain N-Ar analyses of lunar regoliths: Estimation of micrometeoritic flux at the Moon surface
11. Hiroi T., Zolensky M.E. and Pieters C.M.
    The Tagish Lake meteorite: First sample from the D asteroids
12. Hiyagon H., Mizutani S., Noguchi T., Nakamura T. and Yada T.
    An ion microprobe study of oxygen isotopes in Antarctic micrometeorites
13. Hiyagon H., Nakamura T. and Nakamura N.
    An ion microprobe study of oxygen isotopes in the Kobe CK4 meteorite
14. Honda M.
    Preatmospheric size of large irons by cosmogenic nuclides
15. Hoshino H. and Sugiura N.
    A preliminary report on the Mn-Cr chronology of IIIAB iron meteorites
16. Ikeda Y.
    Magmatic inclusions in the DaG 735 shergottite
17. Imae N., Iwata N. and Shimoda Y.
    Search for Antarctic meteorites in the bare ice field around the Yamato Mountains by JARE-4
18. Itoh D. and Tomeoka K.
    Phyllosilicate-bearing chondrules and clasts in the ALHA 77307 CO3 chondrite: Evidence for parent-body processes

19. Iwata N. and Imae N.
The collection of Antarctic micrometeorites at a bare ice region near the Tottuki Point of Soya Coast in 2000
20. Kimura M., Hiyagon H., Lin Y. and Nakajima H.
Refractory inclusions in enstatite and ordinary chondrites: A systematic study
21. Kiriyama K., Tomeoka K. and Sekine T.
Shock metamorphism of the Allende CV3 chondrite at 600 to 800°C: An experimental study
22. Kitamura M., Tsuchiyama A., Uesugi K. and Nakano T.
Three-dimensional structures of metal-sulfides in a CO chondrite using X-ray CT
23. Kojima H., Kaiden H. and Yada T.
Distribution of Yamato 98 meteorites
24. Komatsu M., Miyamoto M. and Mikouchi T.
Diffuse reflectance spectra in the UV-VIS-NIR wavelength region of Yamato 75258 (LL6) heated at different oxygen fugacities: Relationship between spectral and mineralogical changes
25. Kusaka H., Tsuchiyama A., Noguchi T., Uesugi K. and Nakano T.
Three-dimensional structure of a radial pyroxene chondrule using X-ray microtomography
26. Lin Y., Amari S. and Pravdivtseva O.
Presolar grains in the Qingzhen (EH3) meteorite
27. Marakushev A.A., Shapovalov Yu.B. and Chaplygin O.V.
Genetic relations between chondrites and iron meteorites: Experimental research
28. Matsumoto Y., Matsumoto T., Matsuda J. and Nakamura N.
Noble gases in the Kobe meteorite: II. Measurements by stepwise heating
29. McKay G., Koizumi E., Mikouchi T., Le L. and Schwandt C.
Experimental crystallization of the QUE94201 basaltic shergottite: Support for the Martian magma hypothesis
30. Mikouchi T., Miyamoto M. and McKay G.
Magnesian olivine xenocrysts in angrites Lewis Cliff 87051, Asuka-881371 and D'Orbigny: Their relationship and origin
31. Misawa K. and Yamaguchi A.
U-Pb isotopic systematics of zircons from basaltic eucrites
32. Miura Y.N., Sugiura N., Kiyota K. and Nagao K.
Noble gas studies on CO3 and L3 chondrites: An Ar-rich component related to isotopically light nitrogen
33. Mizote S., Matsumoto T., Matsuda J. and Koeberl C.
Noble gases in Muong Nong-type tektites
34. Nagahara H.
Suppression of isotopic mass fractionation during evaporation in the ambient gas and its application to chondrule formation
35. Nakamura K., Sasaki S., Hamabe Y., Kurahashi E. and Hiroi T.
Laboratory simulation of space weathering: Microstructures and iron nanoparticles in the laser irradiated samples
36. Nakamura T., Noguchi T., Tonui E., Gounelle M., Zolensky M.E., Yoneda S. and Takaoka N.
Sayama meteorite: A PCP-poor heavily altered CM chondrite
37. Nakamuta Y., Nakamura T. and Nakamura N.
Metamorphic temperature of Kobe meteorite estimated by the plagioclase thermometer

38. Nakashima D., Nakamura T., Sekiya M. and Takaoka N.
Cosmic ray exposure age and heliocentric distance of the parent body of H chondrites Yamato-75029 and Tsukuba

39. Nayak V.K.
The lonar impact crater (India) in a planetary context – An appraisal

40. Ninagawa K., Ohta M., Imae N. and Kojima H.
Thermoluminescence study of Japanese Antarctic Meteorites V

41. Noguchi T., Nakamura T. and Nozaki W.
Mineralogy of phyllosilicate-rich micrometeorites and their relationship with some CI and CM chondrites

42. Nyquist L.E., Reese Y., Wiesmann H., Shih C.Y. and Takeda H.
Dating eucrite formation and metamorphism

43. Okazaki R., Nagao K., Takaoka N. and Nakamura T.
Microdistribution of noble gases in unequilibrated enstatite chondrites, Yamato 691 and Allan Hills 77295

44. Osawa T. and Nagao K.
Characteristics of Antarctic micrometeorites collected by 39th JARE in noble gas signature

45. Ozima M.
Origin of ^{3}He in the earth

46. Park J., Okazaki R., Nagao K. and Yoneda S.
Noble gases in Towada H-chondrite

47. Schultz L. and Weber H.W.
The irradiation history of Rumuruti-chondrites

48. Sikirdji M. and Warren P.H.
Nothwest Africa 766: A new ferroan ureilite with a variety of chromium-rich phases and associated Si, Al-rich glasses

49. Tachibana Y., Hirajima T., Kitamura M. and Nakamura N.
Equilibration temperature of the Kobe meteorite

50. Takeda H., Hsu W. and Ogata H.
Trace element chemistry of minerals in chemically andesitic material in the Caddo County IAB iron meteorite

51. Tamaki M., Hirota Y., Nakamura N., Yamashita K. and Kojima H.
Preliminary Rb-Sr isotopic and REE abundance studies of the Kobe and other CK chondrites

52. Tomeoka K., Ohnishi I., Kiriyama K. and Nakamura N.
What causes silicate darkening in the Kobe CK chondrite?: Implications for shock metamorphism at high temperature

53. Tomioka N., Leinenweber K. and Sharp T.G.
A preliminary study on mechanism of high-pressure transition in $MgSiO_3$ pyroxene for shock metamorphism

54. Tomiyama T., Yamaguchi A., Misawa K. and Kojima H.
Chemical variations of chromites in L-chondrites

55. Tonui E., Zolensky M. and Lipschutz M.
Petrography, mineralogy and trace element chemistry of Y-86029, Y-793321 and LEW 85332: Aqueous alteration and heating events

56. Tsuchiyama A., Uesugi K., Nakano T., Suzuki Y. and Yagi N.
X-ray microtomography system using SR at SPring-8 for studies of three-dimensional microstructures of meteorites

57. Warren P.H. and Kallemeyn G.W.
A correlation between erupted lava composition and degree of subsequent thermal metamorphism for HED-meteoritic basalts

58. Xie X., Minitti M.E., Chen M., Mao H., Wang D., Shu J. and Fei Y.
Discovery of the high-pressure polymorph of whitlockite in the shock melt veins of the Suizhou meteorite

59. Yada T., Nakamura T., Takaoka N., Noguchi T., Terada K., Yano H. and Kojima H.
Terrestrial accretion rates of micrometeorites in the last glacial period

60. Yada T., Nakamura T., Takaoka N., Setoyanagi T., Noguchi T. and Kojima H.
Chemical analysis of Antarctic micrometeorites by an electron microprobe: Comparison with matrices of carbonaceous chondrites and interplanetary dust particles

61. Yamaguchi A. and Misawa K.
Occurrence and possible origin of zircons in basaltic eucrites

62. Yamazaki H. and Hashimoto A.
On the evaporation mechanism of forsterite

63. Yasuda T., Nakasyo E., Matsumoto T. and Matsuda J.
Effects of artificial aqueous alteration on noble gases in the Allende CV3 chondrite

64. Yoneda S., Ebihara M., Oura Y., Okada A., Kusakabe M., Nakamura T., Nagao K. and Naraoka H.
Recovery and classification of two new Japanese meteorites, Sayama CM and Towada H chondrites

65. Yoshitake M., Koide Y. and Yurimoto H.
Distributions of O isotopes in a type B2 CAI from the Vigarano meteorite

66. Zolensky M.E., Nakamura K., Tonui E., Mikouchi T., Gounelle M., Hildebrand A. and Brown P.
The Tagish Lake meteorite: Not your typical C2 chondrite