

Ⅲ 地球惑星システム学専攻

- ・ 地球惑星システム学プログラム
- ・ 地球惑星システム学科

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Mineralization of sediment-hosted copper deposits

Ground-based experiments using matrix-assisted laser desorption/ionization for in-situ mass spectrometry of dust organics in space

Attempt to constrain the early stage of aqueous alteration of cometary organic analog

Genesis of Quaternary magma of Kuju volcanic group, Southwest Japan arc

S

Measurement of shear-wave polarization anisotropy in crack-bearing granite during shear experiments

2D thermal modelling experiment for thrust-related cratonization of hot deep crust

2D

Research on the structure of aqueous silicate fluid inside the earth

Terrane analysis by detrital zircon chronology for the Pre-Cretaceous basement of the eastern region of the Sangun-Chugoku belt, Southwest Japan

Illite crystallization and faulting caused by hydrothermal fluid

Development of attenuation measurement by elastic wave and application to thermally cracked granite

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Sarkar Dyuti Prakash Deformation processes of crustal-scale faults depending on depth: Studies of paleo- and active orogenic belts from Indian continent

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Gwalior	P. Chakraborty	
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	S. Bose	Das Kaushik
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Kutch	S. Banerjee IIT Bombay	Das Kaushik
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Precambrian Basin	P.P. Chakraborty	Das Kaushik
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Das Kaushik Journal of Mineralogical and Petrological Sciences, Associate Editor,

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Society for the Study of the Origin of Life – The International Astrobiology Society (ISSOL),

Vice president

The Meteoritical

Society Publication Committee,

New Space

Astrobiology

Origins of Life and Evolution of Biospheres

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Stratigraphic relationship and formation process of Tonoshiki breccia, Maizuru terrane from clast classification

Carbonatious matters in the Tsuno and Nishiki Groups distributed in the Otabara area in Syunan City, Yamaguchi prefecture

Umberatana

Characteristics of stromatolites contained in Cryogenian Umberatana Group, Australia

Tracking crustal anatexis from inclusions in zircon of granitoid gneiss

Demonstration of photosynthesis-induced phosphate precipitation process

On the elastic properties of plate inferred from the thermally damaged diabase

Magnetic Properties and Microstructures of Magnetite from the Dungun Mine, Terengganu, Malaysia

-
Effect of water on the phase transition between garnet and bridgmanite

Microstructure and composition of magnetic minerals in the magnetic rocks of Mt. Ryumon, Kinokawa City, Wakayama Prefecture

Yamato 000593

Elucidation of the Martian surface environment from manganese contained in Yamato 000593

Water contents of magma as functions of pressure and temperature just above the lower mantle

SEM-EDS

SEM-EDS analysis of carbon compositions of the aerosol particles collected in Beijing

Study on Microseisms excited by typhoons around Japan

NWA 6148 NWA 10153

Elucidation of aqueous alteration in Nakhlite complex based on analysis of NWA 6148 and NWA 10153

Determination of source time function of deep very low-frequency earthquakes in southwest Japan

,
Distribution, stratigraphy, and evolutionary history of Tonoshiki Formation, Maizuru Terrane

LA-ICP-MS ^{234}U - ^{230}Th “ ”

Examination of zircon ^{234}U - ^{230}Th disequilibrium dating by LA-ICP-MS

Origin of phosphate stromatolites in the Paleoproterozoic Aravalli Supergroup, India
1800 1900

Investigation of the possibility of decomposition of ringwoodite to garnet

Formation of epithermal Au veins and Pb-Zn veins

High resolution mass spectrometry analysis of alkaline copper oxide degradation products from insoluble organic matter in carbonaceous chondrite

(Mg,Fe) SiO

Effect of water on the post-spinel transition in (Mg,Fe) SiO
SSE

Detection of small-scale, short-term SSE in western Shikoku

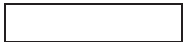
Dielectric constant of brine at high pressures and temperatures

Relationship between magnetic susceptibility and intrusion age of granitoid in Chugoku Province, Southwest Japan



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