

V 地球惑星システム学専攻
・地球惑星システム学科

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Das Kaushik

Chakraborti Tushar Mouli

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Jeonbuk National University

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Paleoenvironmental information from paleosol layers in Tetori Group Toyama Prefecture

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Evolution of elastic wave velocity during brittle deformation of gabbro and peridotite: Implications for the oceanic Moho reflection

Triggered tremor and stress disturbance by seismic surface waves

(Deformation mechanism of antigorite serpentinite from Sasaguri area, Fukuoka Prefecture and its temperature condition)

Aravalli-Delhi

Frictional melting process during formation of pseudotachylyte, Aravalli-Delhi orogenic belt, India

Jbilet Winselwan

Hydrocarbons in Jbilet Winselwan carbonaceous chondrite: New organic molecular indicators for evaluating the thermal metamorphism degree on the meteorite parent body

Role of benthic microorganisms in the formation of Paleoproterozoic banded iron formations

(Time variations in the Earth's background free oscillations and oceanic infragravity wave)

Yamato 000749

(Elucidation of aqueous alteration of Yamato 000749 based on multi-probe microscopy)

(Petrological and Geochemical study of magma activity of Sakurajima volcano)

Possibility of subsurface water in Mars verified from the angle of repose on talus

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(Investigation for magma genesis of Pre-Unzen and Unzen volcano, Shimabara Peninsula, Kyushu, Japan: the role of stagnant Pacific slab in the mantle transition zone, at the back arc region of Kyushu)

3

A numerical study on the dynamics of the subducting lithosphere and the water circulation in the whole-mantle convection

Tectonic evolution of the Paleo-Median Tectonic Line and the Kurosegawa tectonic zone inferred from zircon U-Pb geochronology

U-Pb

Seismic velocity structure of oceanic lithosphere based on elastic wave velocity measurements of core samples collected from the Oman ophiolite

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12 5	HiPeR and surface environment	Plate tectonics	
1 10	Earthquake fracture damage and fluid flow	Tom Mitchell College London	University

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	Ji-Hoon KANG	
	G. Ghosh S. Bose	Das Kaushik
	A. Chattopadhyay	Das Kaushik
Joint meeting of Regolith science and Multi-scale asteroid science	JAXA DLR CNES NASA	
JSPS Hayabusa2 Joint Science Team Meeting	JAXA DLR CNES NASA	
	L. Cury A. Bahniuk	
	C.-C. Shen	

Gwalior	P. Chakraborty	
	Y. Lin (CAS)	
	S. Ghosh (IIT-Kharagpur)	
	M. Anand (The Open Uni.,)	
	, N. Satta BGI	
	S. Bose	Das Kaushik
	G. Ghosh	Das Kaushik
Kutch	S. Banerjee IIT Bombay,	Das Kaushik
Nagavalli- Vamsadhara Shear Zone Granitoid	S. Karmakar	Das Kaushik
Precambrian Basin	P.P. Chakraborty	Das Kaushik
CITZ G-T Shear Zone	A. Chattopadhyay	Das Kaushik
Petrochronology	Chang Whan OH (Chongbuk National University,)	Das Kaushik
Dharwar Craton	S. Balakrishnan	Das Kaushik
Phan-Si-Pham	P.T. Hieu ()	Das Kaushik
(Mg,Fe) ₂ SiO ₄		

H. Marquardt

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Sarkar D.P., Ando, J., Das, K., Ghosh, G. Meso-scale structures, lithological and geochronological variations across MBT in Gambarpul area, Himachal Himalayas. 126

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TIMS
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ICP-MS
SEM, TEM, EBSD

STXM

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 bacterially colonized iron deposits 2019 2019 5
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 _____ Life-water-mineral interactions and their products 2019
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from Kyushu Arc and Back Arc
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(Elemental, isotopic and spectroscopic analyses of acid-insoluble organic matter in Jbilet Winselwan carbonaceous chondrite)

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(Relationship between temperature of the mantle and core-earth radius ratio: consideration using a 2-D cylindrical convection model)

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U-Pb

(Comparison between Ryeongnam massif and Ogcheon zone, Korea and Tsuwano complex of Maizuru terrane, Japan, using zircon U-Pb chronology)

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(Depth profile of frictional properties at the Nankai Trough C0002 drilling site)

U-Pb

(Geologic structure and zircon U-Pb ages of the Tsuwano complex of Maizuru Terrane, Shimane Prefecture, SW Japan)

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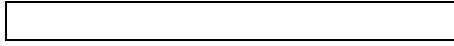
(Elucidation of Martian surface environment based on chemical species analysis of manganese)

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