Oral | Symbol S (Solid Earth Sciences) | S-EM Earth's Electromagnetism

[S-EM37_30AM1]Geomagnetism, paleomagnetism and rock magnetism

Convener:*Ataru Sakuraba(Department of Earth and Planetary Science, University of Tokyo), Nobutatsu Mochizuki(Priority Organization for Innovation and Excellence, Kumamoto University), Chair:Ataru Sakuraba(Department of Earth and Planetary Science, University of Tokyo), Yuhji Yamamoto(Center for Advanced Marine Core Research, Kochi University)

Wed. Apr 30, 2014 9:00 AM - 10:45 AM 413 (4F)

This session is open to recent advances in all areas being concerned with geomagnetism, paleomagnetism, rock magnetism, and their applications to geophysical and geological issues. We welcome presentations on geodynamo, present and past geomagnetic behaviors, fundamental rock magnetic properties, and paleoclimatic changes and tectonic processes revealed by magnetic methods.

10:30 AM - 10:45 AM

[SEM37-P10_PG]Development of the Japan Archeomagnetism Database

3-min talk in an oral session

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Keywords:Archeomagnetism, Database, Geomagnetic secular variations

Here we will report the online service of Japan Archeomagneitsm Database which is developed since 2012. Now the database includes about 700 site archeodirection dataset, and we are working to add new data from the backyard stocks which has uncertainty about the independent archeological chronology. Therefore we have to confirm that with searching the dating in the original excavation reports.Moreover we have added new archeomagnetic data from the archeological archives. More than 100 archeomagnetic data have been manually discovered in the reports.Now we are also providing a paleomagnetic direction at the Far-East region calculated from the Japanese geomagnetic secular variation models.

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