

November 18, 2024

Dear AAPPS-DPP members,

Dr Kirolosse Mina Georges Zaki GIRGIS informed us following meeting.

Sincerely yours,
M. Kikuchi, CEO

Dear colleagues,

It is our pleasure to invite you to submit an abstract to the session:
EMRP3.3 Outstanding Short- and Long-term Features of the Geomagnetic Field at Local and Global Scales

"Examining historic and prehistoric variations in the geomagnetic field provides insights into processes occurring from the core-mantle boundary to the planet's core. Investigating the paleomagnetic field also enhances our ability to predict future changes, which in turn affects the climate and has implications for life on Earth and human technology. Over the past two hundred years, the Earth's magnetic field has exhibited a global decrease of about 10%. Moreover, regions with weakened magnetic fields, or magnetic anomalies, such as the South Atlantic Anomaly (SAA), have evolved, with a new minimum emerging near the South African coast. Indirect records from archaeological materials, volcanic rocks, sediments, and speleothems are essential for studying the ancient geomagnetic field, covering different time scales, from secular variation to magnetic reversals. In this session, we welcome abstracts that contribute to the advancement of our understanding of geomagnetic field variations in terms of time scale (short and long) and spatial scale (e.g., magnetic anomalies). Applications extend to the fields of geomagnetism, stratigraphy, volcanology, chronology, climate, geobiology, and geospace."

Please remember that the deadline for the abstract submissions is 15 January 2025, at 13:00 CET.

Session description:

<https://meetingorganizer.copernicus.org/EGU25/session/51725>

European Geosciences Union (EGU) is currently still planning on a hybrid meeting, please check the registration information and the important dates on the EGU25 website (<https://www.egu25.eu/>).

We look forward to receiving your contributions.

Thank you very much for your attention.

Sincerely yours,

Kirolosse Girgis (Kyushu University, Japan)

Evdokia Tema (University of Turin, Italy)

Saioa A. Campuzano (Complutense University of Madrid, Spain)

Angelo De Santis (National Institute of Geophysics and Volcanology, Italy)

Filipe Terra Nova (Nantes University, France)