E012-010 Room: 301A Time: May 29 11:30-11:45

Paleointensity of impact-induced pseudotachylytes and its implication to impact plasma

Norihiro Nakamura[1]

[1] DGES, Tohoku University

http://www.dges.tohoku.ac.jp/igps/nakamura.htm

I estimated a paleointensity at 1850Ma by employing impact-induced pseudotachylytes from Sudbury, Canada. The paleointensity suggests that virtual dipole moment at 1850Ma is in half of the present value.