

G209-021

Room: 303

Time: May 17 9:30-9:45

Reconsideration of geological history of the Hitachi Cambrian Formation

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Sheared granites and granitic intrusives widely develop in the northeastern part of the Hitachi metamorphic district. In the Akita Meeting of last year, we reported SHRIMP ages of these rocks. This time, we will report the geological meaning of those ages and geological evidences, and reconsider the geological history of the Hitachi metamorphic district and the radiometric ages. Furthermore, we will discuss the tectonic development of this area during early Paleozoic to Mesozoic Japan.