We widely invite presentations in the fields of petrology, mineralogy and resource geology. Especially description of minerals and rocks, investigation of their origin and evolution by field investigation and/or laboratory experiments, and development of new methods are accepted.

12:15 PM - 12:30 PM

[A leucogranite stock rich in high field strength elements, Kanamaru-Oguni area on the Niigata-Yamagata border, NE Japan](#)

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A small stock of leucocratic Grt-two mica granite enriched in high field strength elements (HFSEs) has recently been found in the Kanamaru-Oguni district of the Asahi-Iide mountains in the Ashio Belt of the NE Japan arc. The granite has a high-K peraluminous composition, and is categorized as an A-type within-plate granitoid, according to several geochemical discriminants based on HFSEs. However, total Zr+Nb+Ce+Y contents are lower (166-192 ppm) and Rb/Ba ratios are higher (19-48) than those typical of A-type granitoids (Zr+Nb+Ce+Y > 350, Rb/Ba