## Eb-P004

## Room: Poster

## Estimation of Transfer Function Based on an Automated Detection of Geomagnetic

## Pulsations

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To examine the temporal variation of geomagnetic transfer function, a method to use geomagnetic micropulsations automatically detected with an wavelet analysis. One second resolution geomagnetic data observed at Kakioka, Kanoya, Mineyama and Shigaraki are used. For the cases where the Pi2 pulsations are mainly used, the component A(f) which correspond to the geomagnetic north-south field variation is rather stable although the another component B(f) is not. We compare the results with those obtained by the traditional method and discuss the advantage as well as the limitation of the method to use automated event selection.