

**W214-008**

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## Exploration of historical changes in cosmic rays and global environments with cosmogenic nuclide Be-10 in Dome Fuji ice cores

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Cosmogenic production of Be-10 in the atmosphere is controlled by cosmic-ray modulation related to solar-geomagnetic field variations. Be-10 in ice cores has therefore been investigated for elucidating long-term changes in the cosmic-ray intensity, which reflects the solar activity and the intensity of the geomagnetic field. We describe our attempt of the Be-10 analysis of the Dome Fuji ice cores.