

PEM021-15

会場:ファンクションルームA

時間: 5月24日14:15-14:30

本極小期の宇宙線： 史上最強宇宙線は何をもたらしたか？

Cosmic rays at the current solar minimum: Variation and its environmental impacts

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At the current solar cycle minimum, the flux of galactic cosmic rays observed by the neutron monitors have marked the highest level of the observational era since 1950's. It is related to the recent significantly weakened solar wind and the unusually lengthened solar cycle minimum. We review the state of the current terrestrial environment and the climate, and discuss the possible impacts of the anomalously increased galactic cosmic rays at the current solar cycle minimum.

キーワード:太陽活動,宇宙線,気候変動,極小期

Keywords: solar activity, cosmic rays, climate change, solar minimum