

S002-12

A 会場 : 11/25 PM1 (13:15-15:15)

14:50~15:10

#片岡 龍峰¹⁾

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Magnetic storm-time auroras as seen from Japan

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I would like to report a citizen science-motivated studies on the cause of an unusually bright red aurora as witnessed from Hokkaido, Japan during a magnetic storm on 1 December 2023 (Kataoka et al., 2024, GRL), as well as a vast magenta aurora as observed from wide area of Japan, including Kyoto, during a severe storm on 11 May 2024 (Kataoka et al., 2024, under review). Another latest citizen science example of 12 Aug 2024 storm (Dst peak at -203 nT) will also be shown for comparison.