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Room:Convention Hall

Time:May 27 10:30-13:00

A Preliminary Result of the Ionospheric Observation Using FM/CW Ionosonde on Cebu Island in the Philippines

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Last September, we reactivated the NICT ionospheric observation at San Carlos University on Cebu Island in the Philippines. A portable FM/CW soulder has been in operation. We have already conducted ionospheric observations around western Pacific equatorial region: SEALION Observation Network (SEALION: Southeast Asia Low-latitude Ionospheric Network). Along with these, Cebu ionospheric observation will function as longitudinal network of dense ionospheric observation and contribute a great deal to our understanding physical relationship between the equatorial plasma bubble and large-scale horizontal structure.

In this presentation, we will report a preliminary result after the reactivation.

Keywords: Equatorial Ionosphere, Plasma Bubble, ESF, Space Weather