

STT072-05

Room: Exhibition hall 7 subroom 1

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## A trial of extraction of wide range crustal movement using PALSAR ScanSAR interferometry

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We succeeded in an extraction of wide range crustal movement on 2008 China Sichuan Earthquake using PALSAR ScanSAR interferometry in the same year, and showed usefulness and availability of this technique.

Then, we have tried PALSAR ScanSAR interferometric analysis using many pairs of ScanSAR data on various areas, and obtained the knowledge of available conditions of ScanSAR interferometric analysis.

In this paper, we will show the results of some PALSAR ScanSAR interferometric images, and report the available conditions to be analyzed and issues to be discussed.

Keywords: PALSAR, ScanSAR, interferometry, crustal movement