
[JJ] Evening Poster | M (Multidisciplinary and Interdisciplinary) | M-IS Intersection

[M-IS09] Electromagnetic phenomena associated with seismic and volcanic activities

convener: Tetsuya Kodama (Research Unit I, Research and Development Directorate, Japan Space Exploration Agency), Toshiyasu Nagao (Institute of Oceanic Research and development, Tokai University), Yasuhide Hobara (電気通信大学 大学院情報理工学研究科)

Tue. May 22, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

This session deals with reviews and contributions on the recent studies of electromagnetic (EM) phenomena associated with earthquakes and volcanic eruptions. One of the main targets of the session is to clarify the mechanism of seismo-EM emission and Lithosphere-Atmosphere-Ionosphere (LAI) coupling.

[MIS09-P07] Recent Aspects of Seismo-Electromagnetic Observation by Satellite

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Keywords: seismo-electromagnetic, satellite, microsatellite

Taiwan has launched Formosat-5 equipped with an ionosphere instrument on 2017 and China has finally launched China Seismo-Electromagnetic Satellite: Zhangzheng-1 in February 2018. In addition, observation plans by micro satellites are progressing in various countries. These activities will be presented.