

THE APRIL, 6, 2009 EARTHQUAKE AT L'AQUILA: A PRELIMINARY ANALYSIS OF MAGNETIC FIELD MEASUREMENTS.

UMBERTO VILLANTE ^{1,3}, Marcello De Lauretis ^{1,3}, Chiara De Paulis ^{1,3}, Patrizia Francia ^{1,3}, Andrea Piancatelli ^{1,3}, Ermanno Pietropaolo ^{1,3}, Massimo Vellante ^{1,3}, Antonio Meloni ^{2,3}, Paolo Palangio ^{2,3}, Konrad Schwingenschuh ⁴, G. Prattes ⁴, W. Magnes ⁴, Petko Nenovski ⁵

1. Physics Dept. University of L'Aquila, Italy
2. Istituto Nazionale di Geofisica e Vulcanologia, Roma. Italy
3. Consorzio Area di Ricerca in Astrogeofisica. L'Aquila (Italy)
4. Institut für Weltraumforschung, Graz, Austria
5. Geophysical Institute, Sofia, Bulgaria

A strong earthquake hit the city of L'Aquila and central Italy on April, 6 at 1:32 UT, causing a tremendous devastation of the town and its territory. We present a preliminary analysis of magnetic field measurements conducted at L'Aquila in the preparation phase and after the shock event. These observations will be compared with those from other Italian stations like the SEGMA array.

Earthquakes, magnetic fields

UMBERTO VILLANTE, University L'Aquila, email: umberto.villante@aquila.infn.it