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## The Graz seismo-electromagnetic VLF facility

K. Schwingenschuh (1), M. Boudjada (1), A. Rozhnoi (2), M. Solovieva (2), O. Molchanov (2), M. Stachel (1), G. Prattes (1), Oe. Aydogar (1), H.U. Eichelberger (1), P.F. Biagi (3), and the VLF-Graz Team

(1) Space Research Institute, Graz, Austria (konrad.schwingenschuh@oeaw.ac.at), (2) IFZ, Moscow, Russian Federation, (3) University of Bari, Bari, Italy

We present the Graz VLF facility which is part of a ongoing European ground-based project for the study of seismo-electromagnetic phenomena. There is a close cooperation with ground-based VLF/LF networks in Japan and Russia and with satellite based seismo-electromagnetic projects like DEMETER. The receiver of the Graz VLF station has been provided by the "Physics of the Earth" institute in Moscow/Russia. The centre of the ongoing European seismo-electromagnetic ground-based network is located in Bari/Italy, where an identical VLF station is operated. The institute in Bari developed a new type of VLF receivers to be installed in observatories in middle, south and south-east Europe.

The VLF receiver in Graz is an AbsPAL Absolute Phase and Amplitude Logger (Dowden, R.L., Brundell, J.B., and Hayakawa, M., 1998) capable of measuring the phase and amplitude of up to 5 transmitter stations simultaneously in the frequency range from 10 to 60 kHz. The data are measured with a sampling rate of 20 sec, calibrated and stored on an ftp-server, where they can be retrivied by all national and international project members.

We present first Graz VLF data and their correlation with seismicity parameters in south Europe.