



Welcome to the ERP Lab!

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these should be tabbed. I have checked and the module indicates tabbed but it is not showing up that way. I have updated my java as well.

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What is an electroencephalogram?

When the neurons of the human brain process information, they do so by changing the flow of electrical currents across their membranes. These changing currents generate electric and magnetic fields that can be recorded from the surface of the scalp. The electric fields are measured by attaching small electrodes to the scalp.

The potentials between different electrodes are then amplified and recorded as the electroencephalogram; (EEG), which means the writing out of the electrical activity of the brain (that which is inside the head). The human EEG was first recorded in the 1920s by a German psychiatrist named Hans Berger.

The tiny magnetic fields that are generated by the neurons of the brain can be measured with very specialized detectors that became available in the 1970s.