# Electronically linked Brain to Brain communication in Humans using Non-Invasive Technologies


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**ABSTRACT:**

Now a day's people are attracting towards the Brain to Computer connectivity. This paper is about how Brain to Computer Interface (BCI) is electronically linked and how Computer to Brain Interface (CBI) can be used to develop Brain to Brain Interface (BBI). Brain-to-brain interface is made possible because of the way brain cells communicate with each other. In this paper brain-computer-brain system is described, which allows human mind to drive a mind in a navigation environment. At BCI site, data is transmitted by using ElectroEncephaloGraphy (EEG), a non-invasive method to record electrical activity of the brain along the scalp. At CBI site, Transcranial Magnetic Simulation (TMS) to stimulate small regions of brain is used to receive data. From this system, it allows information transferred between brains to do away with language or can send thoughts from Brain to Brain without any sounds or words. Finally, it demonstrates possibility to exchange messages within the brains and how its applications has profound importance in future communication technology.