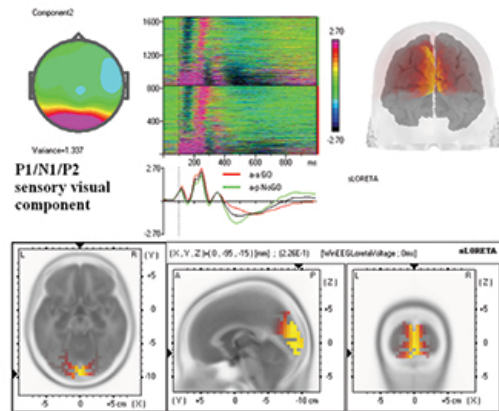


tEEG image of the Anxiety network Brodmann areas outlined in white. Red brain areas indicate 8 Hz rhythm 2 SDs above normal

- EEG neurometric measures have grown to include several non-invasive neuro-electric neuroimaging methodologies including EEG Tomography (tEEG), that provides recordings with a time resolution in the millisecond range with a 3-dimensional spatial resolution of about 1 cubic centimeter.
- Methodology has been applied to many clinical conditions such as ADD, ADHD, schizophrenia, compulsive disorders, depression, epilepsy, TBI in a wide number of clinical groupings of patients, with well over 6,100 studies currently listed on Pubmed.



- Within the last ten years, tEEG measurements have been applied to many practical applications outside of the clinical realm that include many Department of Defense (DOD) projects. these projects are focused on teamwork, workload monitoring, emotional content processing, etc. All are applicable to onboard neurobehavioral monitoring.
- The tEEG methodology, which includes the operation of neuro-networks using Functional Effective Connectivity analysis and is proposed as the primary analysis methodology.