

Session Title:

EEG - A Microphone In A Crowd!



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30 Years Of Microprocessor Evolution

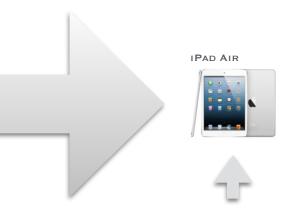


Mainframes of the 90's





The new pocket mainframe!



64 Bit Processor - 128GB Flash Storage



60 Years Of EEG Equipment Evolution

Early EEG Devices







EEG Devices Today



Have they changed much?

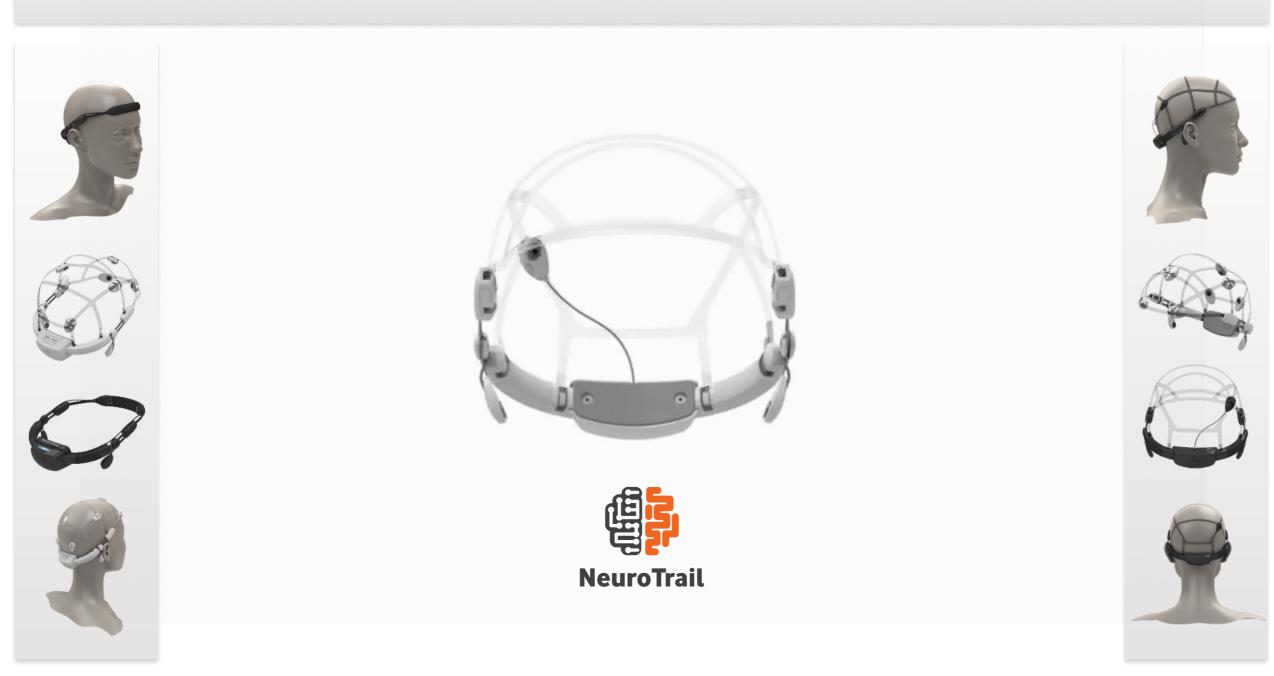


At NeuroPro We See A Great Opportunity To Introduce A New Generation Of Brain Signal Analysis Tools.



A New Product Line Of Wearable EEG Headsets

1 to 8 Channel Ambulatory EEG Headset



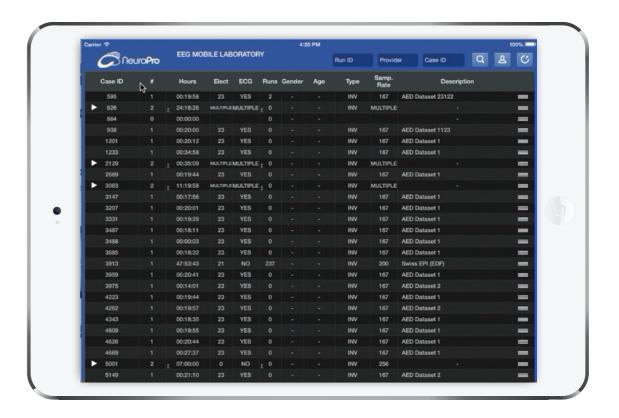


EEG Mobile Laboratory

A New Generation Of EEG Signal Visualisation And Cloud Storage And Analysis Tools







The Virtual Mobile Laboratory (VMLproEEG) is the first cloud EEG mobile laboratory that offers storage management and analysis, using a new generation of hardware and software tools. This platform allows for remote diagnoses alongside the total management of a patient's EEG and meta data.



Monitoring And Prediction Of Neurological Episodes







WiNAM
• Epilepsy Prediction •
Patent EP2464285B1

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A New Generation of EEG Solutions







What is WiNAM?

WiNAM is a proprietary set of algorithms, developed at Neuropro, that analyses EEG signals using binary techniques.

WiNAM uses multi layered neural binary pattern matching algorithms to monitor, predict and detect, in realtime, neurological episodes.





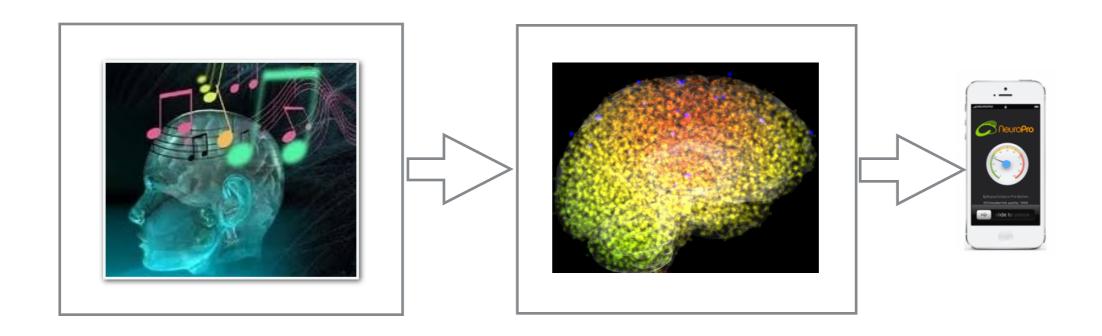
We are currently targeting epilepsy.

Patent EP2464285B1



The WiNAM Philosophy

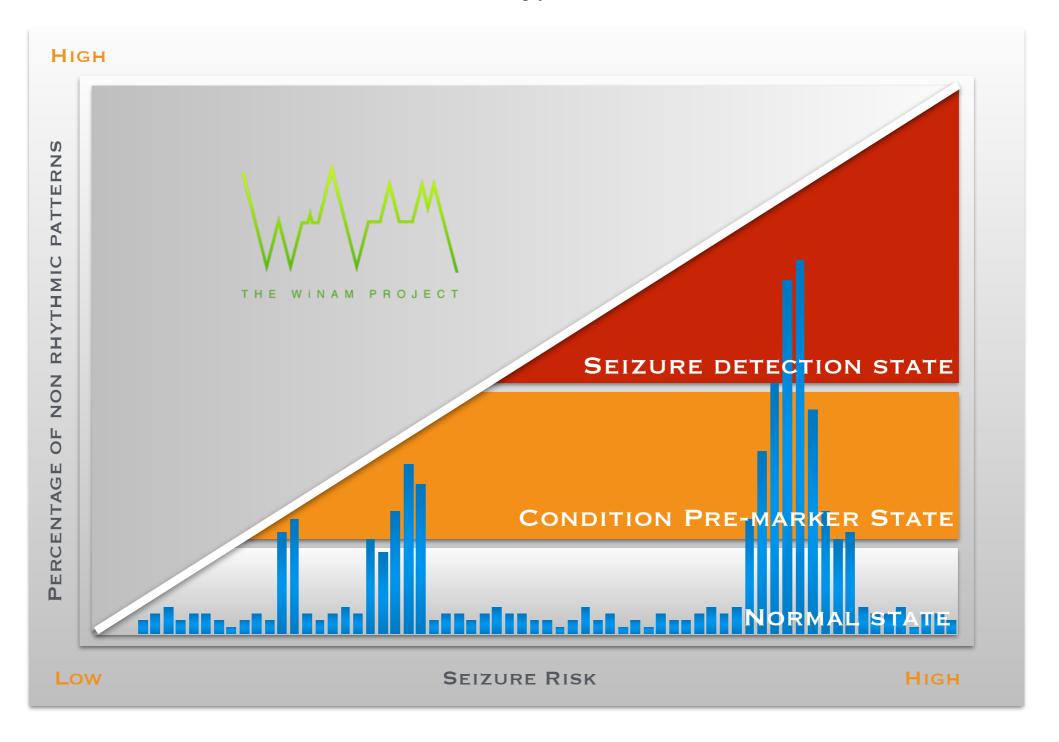
The brain is a musical orchestra. EEG recordings capture the rhythm in the music and not the tunes!



WiNAM unravels the non-rhythmic 'off-beats' and links them to a neurological episode.

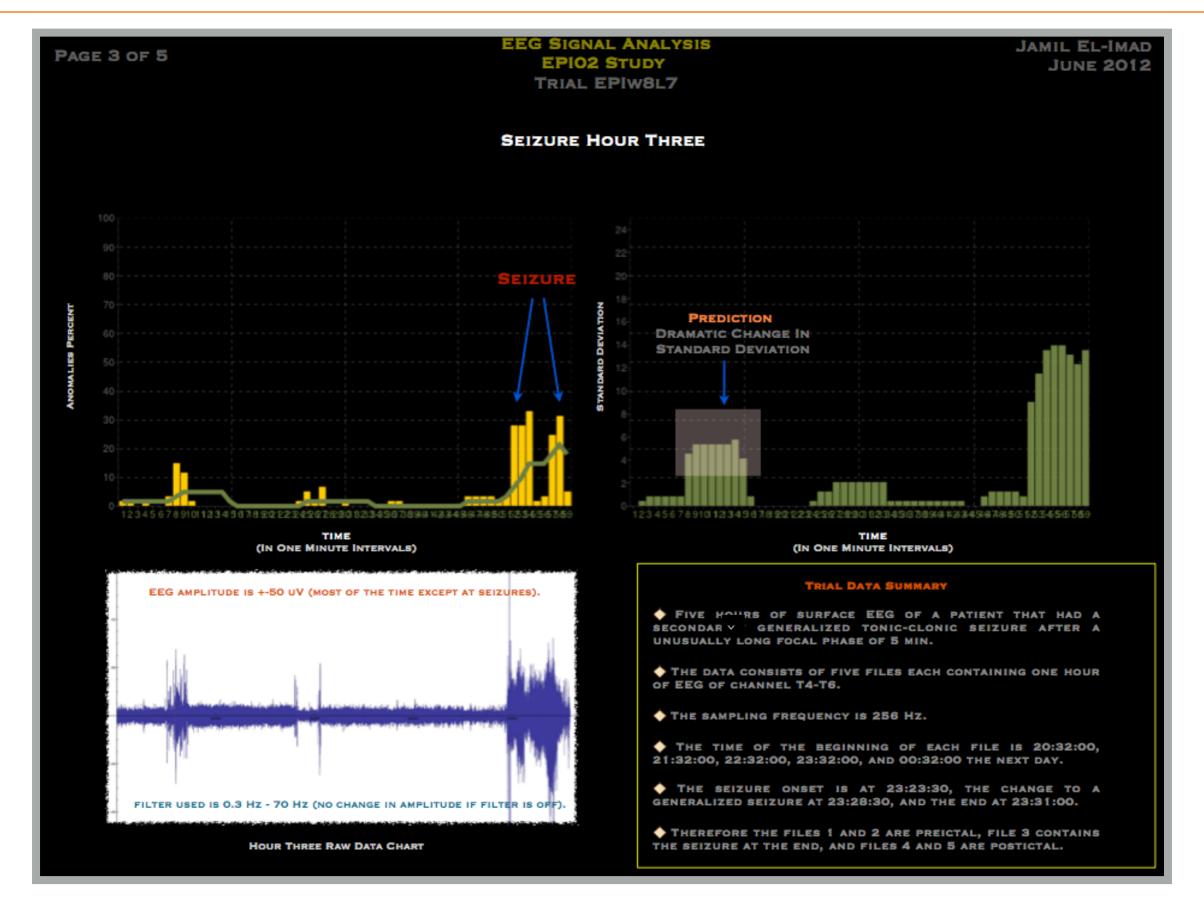


WiNAM Hypothesis

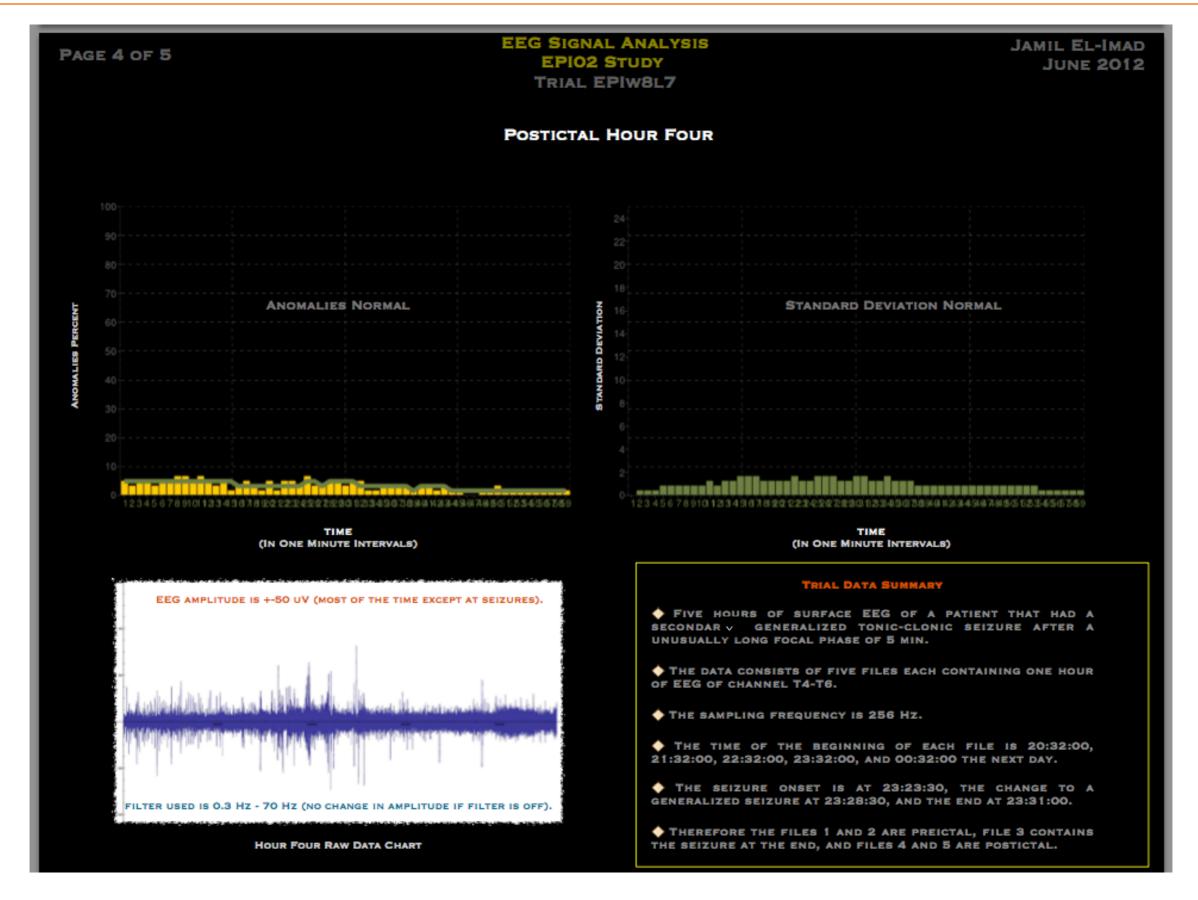


We classify the neurological activity, on a time interval basis, into three distinct states; Normal state, Abnormal state and pre-marker state.











The Team



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Ms Beretta





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Thank You

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