

BAW MNN Seminar March 13<sup>th</sup> 2019 @ 12:15

Media & Knowledge Sciences (MAKS) Room 414

### **Brain Signal Analysis**

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The brain is continuously generating electrical activity which can be recorded non-invasively using electroencephalography (EEG). Processing of these brain signals allows us to better understand brain function, extract biomarkers for the detection of diseases, or identify features for the development of brain computer interfaces systems. The Department of Systems and Control Engineering together with the Centre for Biomedical Cybernetics will describe the pros and cons of the various EEG headsets that are available in their labs for the recording of brain electrical activity and will present some of their projects to show what can be achieved through brain signal analysis.