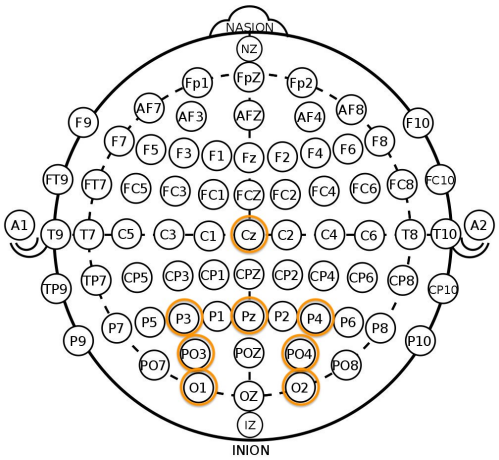
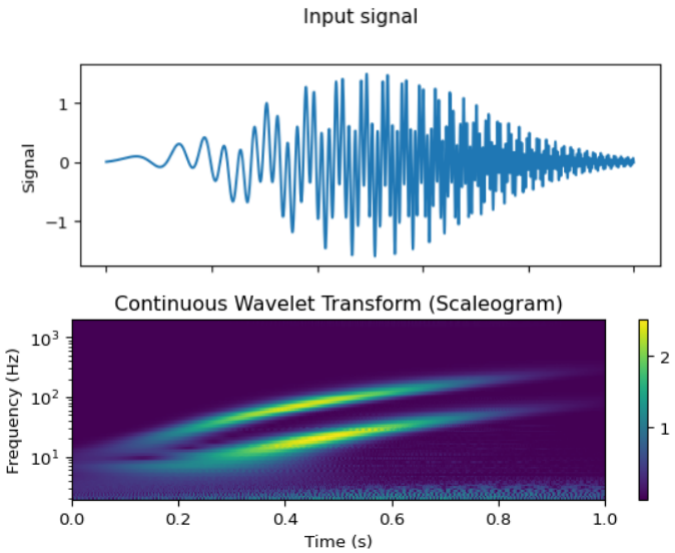
Continuous tensor signal representation for classification

Motivation: data (EEG brain activity records) can be indexed by electrode number, timestamp and frequency — 3 indeces.



Electrode map for P300 dataset

Continuous wavelet transform for complex brain signal



Goal: test neural DE model with continuous tensor signal representation and compare it against state-of-the-art discrete models on benchmarks.