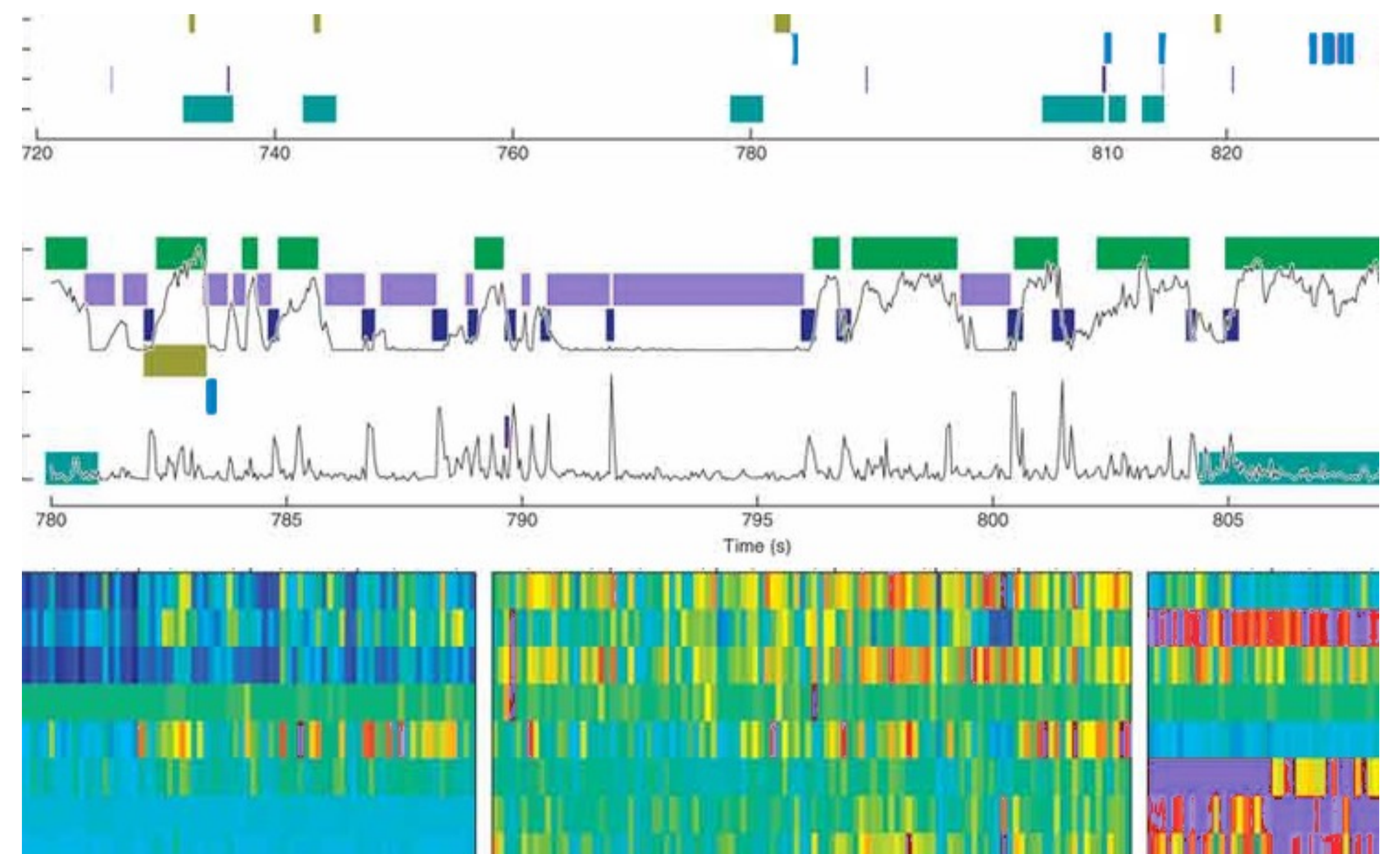


# Student Assistant: BioKIT Port to Python

BioKIT is our in-house Hidden Markov Model Decoder for Biosignals, including EMG, Audio, IMUs, EEG and more. It is currently C++ based and will be ported to Python. Do you want help and/or write your BA/MA Thesis with us?



## Tasks

- Familiarize yourself with BioKIT and its Python Tests
- Develop a step by step plan to port the different classes to python
- Actually port the classes one by one with our help



## Requirements

- Python and Numpy experience
- Ability to work test-driven

## Nice To Have

- Course “Automatic Speech Recognition”
- Experience in C or C++

All Topics can be extended to  
a BA/MA thesis!  
Language: DE/EN

Hui Liu / Yale Hartmann  
Telefon: 0421 – 218 - 64262  
E-Mail: [yale.hartmann@uni-bremen.de](mailto:yale.hartmann@uni-bremen.de)