

GSP HBN Warmup Project (S4B2)

Week 2 (April 15 - 21)

1) Literature Survey

i) Research Articles:

- 1) EEG Source Imaging Christoph M. Michel et al ([frontiersin.org](https://www.frontiersin.org))
- 2) Denoising-separation Hannah Becker ([Thesis](#))

<https://www.notion.so/EEG-Source-Imaging-A-Practical-Review-of-the-Analysis-Steps-latest-techniques-56694fd69ca9495a83507e9daf436f26> (1)

<https://www.notion.so/Denoising-separation-and-localization-of-EEG-sources-in-the-context-of-epilepsy-6dbf4618f1244ca5a3135c7fef91dbe9> (2)

2) Hands-on (Parsing, States, units, data)

i) MNE

- Dataset structure organisation
- understanding the dataset (still!)

ii) Notebook (ExG course)

For next week:

1. Literature Survey
2. Preprocessing data (9)
3. ICA