# Notes 13-03

SPADE – VAE-GAN

* How to train the VAE to generate new masks. Investigate how to deform the masks. We could take the average of different latent spaces but that will take a long time.
* Use several laptops at the same time to try to do it as fast as possible.
* Stick to one approach. Lars approach is okay.
* NN U-net 🡪 get reward more on the part of the GAN, not that much on the u-net. NN Unet can help but not the most important part.
* SPADE-GAN okay. Look into that.

**Tasks**:

* Data augmentation. How to get new masks with the VAE 🡪 Paula
* SPADE 🡪 Lars
* Finish the first parts 🡪 The rest

If we have time start writing some methods about the ML part.