



Minutes
Bachelor Thesis
ML-for-NR

Date: 06.17.2019

Heure/time: 1:00 PM

Lieu/place: Lawrence-Berkeley National Laboratory

Participants: Ruffray Benoit (RB), Haber Carl (HC), Cornell Earl (CE)

Agenda :

1. **Project state**
 2. **Data information**
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Discussions :

RB explains he had a bed bugs problem at his place, and so the project was delayed (because of cleaning and preparing the place for pest control).

RB says the prototype-0 is done. He now needs to generate a dataset of single frequency grooves.

RB asks about the data and its properties.

There is 80,000 pixels in one revolution. The sampling frequency is 100 KHz. The generated wav file contains info on where it begins on the image (top header). The sampling frequency for audio generation is variable.

All documents regarding the project should be put on google drive and shared with HC.

Meetings should be held regularly to help project advancement.

Decisions

All documents are put on a shared Google drive.

Meetings will be held on Mondays and Thursdays at 2 PM.

Tâches à réaliser / Tasks:

<i>Tâches / Tasks</i>	<i>Qui/Who</i>	<i>Délai/Delay</i>
1. Code the dataset generation plugin for image and sound	RB	06.26
2. Define a model that takes this dataset as training and validation	RB	06.26
3. Train and test said model	RB	06.26

Points ouverts / Open points :

Size of image for input

Date et lieu de la prochaine réunion / Date and place of next meeting :

06.20.2019, 2 PM, LBNL