**What I have done:**

* Codes:
* Read the codes main\_Fae.m, filterbp.m, mfcc\_coeffs.m, spectral\_features.m and try to understand everything
* Internship report:
  + First draft of a plan
  + Write a section to explain the medical part

**My questions:**

The project in general:

* What is the global aim of the project?
* What has already been done?
* How many people are involved in the project?
* What is being done now on the engineer side (apart from what I do)?

Preprocessing:

* Why we resample to 4000 Hz? (Fs=16000 Hz)?
* Butterworth filter:
  + I didn’t know this filter before. Why this filter? (Because the gain is equal to 1?)
  + Why these cutoff frequencies: how did you choose them?
  + Why 6 for the order? (Because you wanted something with a good selectivity?)

Computation of features:

* Why did you not use the Gaussian fit?
* In the Spectrum Slope, what is ‘Xtick’? (spectral\_features.m , line 89/90)

Belle’s signals

* When can I have them?

**What I think I will do next week**

* Statistical tests (does someone already done that in the samples you gave me?)
* Find new features
* Progress in the redaction of the first part (‘State of the Art’) of my internship report