BLonD meeting 2017-03-22

Helga
- New user from KEK
- Coveralls & travis being set up by Konstantinos
- First unittest working, separatrix and TC2 debugged
- Write general unittests, Konstantinos will write some unittests as well
- Will migrate the github repository to a blond-admin account

Danilo
- Working with Joël on music, when it's done it will be uploaded

Joël
- Convolution method of impedance tracking was removed from the code!
- "Read the docs" documentation
- Example documentation: for "beams" on Joël's branch
  - Description of classes, attributes, methods, references, and examples
  - Easyinstall numpy.doc, in config specify, then like sphynx
- Automatic updating of gh-pages? Acrontab to push to gh-pages?

Ivan
- Sign of average SR loss in SR was wrong; modification uploaded and works correct now
- C++ version works on linux perfectly, but windows version doesn't compile fine

Alex
- Would need to do some work for sparse beams!
  - For sparse beams it can be of advantage to use convolution
  - C++ version still there, but np.convolution is not in the code again
- Impedance.impedance gives impedance/dt at the moment
- All test cases are running now, except for
  - Phase Noise example -> needs updates
  - The music test case has too many track()s and the track_classic() takes much too long
  - –pi offset should be moved to +pi etc.
  - imports should be cleaned out
  - output files: "out" folder can be done as mkdir
- Multi-turn wake for PS tested

Next meeting: in 2 weeks in the JBA room