Thursday, 14 Dec 2017, 11AM, Chris’s Room

Present: Chris, Gib, Hashem, Jagir

**To do lists:**

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**Issues and topics discussed in meeting:**

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**Next Week’s plan:**

- Try to run the same rates and the same code on HPC2 and visualise the results + carry on finding rates for the rest of layers if it is true.

- We need to be sceptical using codes from different repositories and different versions.

- Power point presentation for the conference being created by not later than Monday

- prepare for the talk …

Additional Tasks

+ Conference was relatively useful as people provided me some ideas to improve the registration part

+ changing all the codes to be in the same version

+ couple of examples have been done with different objective function

* Results of RMS error is good, however the final shape does not completely match to the target
* Probably interpolating the growth rates on the gauss points can improve the answer

+ we are trying to use 16x16 mesh to have more rates rather than using a rough interpolation in 4x4 mesh

+ couple of examples of 4x4 mesh is running in hpc2 with the whole model. Needs a bit time to get to results

+ meshes are better to be only one layer (different types of errors while reading the myocardial layer)

+ DPM or SPM parallel method is studied and need to be applied to the code,

Creating the meshes …

Nodes + dervatives from Jagir + plus adding UNIT scale factor

Converting the codes to use Parallel processor

Trying more stages on HPC2 in paraller for the rest of the stages further than 10to101

Pass the optimisation report