**Thursday: 1 Feb 2018, 11-12 AM, Level 1, Small Meeting Room**

**Presents: Gib, Jagir, Hashem:**

**To do list/Questions:**

* Creating the poster for the forum. (Done)
* Did anyone found negative growth rate in the previous works(The answer is No)
* Study the BC applied by the other people, which might be useful for our case as well. (Done)
* Solve the problem with one more element on the location of the DM. (Done)
* Fix the mid-layer on Z direction and letting the mesh to grow from to other sides. (Done)

**Issues which are discussed:**

Based on the pictures (2D images that we used to segment the heart), there are some parts from the heart, which connected to the main body of the embryo on top of the DM connection. This region might be very important in terms of imposing a bending to the model. The proposed BC on this region should be different from what we apply on fixed-bottom and fixed-top BC types.

A negative growth rate is applied as a BC on Le Garrec’s work which is not justified, and might not be

Applying the current BC by fixing the middle plane on z and considering a DM lines does not bring the required solution. Needs to be improved and changed.

**Plan for the next week:**

* Edits on the poster proposed. (discussing on the BCs. Which is the hot topic of discussion on meeting of these days)
* FIND the best BC, DM might not be the best BC.
* Think about applying a pressure field on the surface to push the whole body wherever we want.
* Checking the BC of the