Minutes of Meeting

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| Date : 29 March | Location : Chris’s Office |

# Attendees: Gib, Jagir, Chris, Hashem

# Agenda:

* DM BC
* Visualisation
* Transformation – set an optimisation problem

# Hashem’s action items

Action items are carried over across meetings, even if they are completed/abandoned

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| --- | --- | --- | --- | --- |
| No | Item Description | Date allocated | Date completed | Remarks |
| 1 | Forward simulation is saying that the meshes needs to be transformed, or be rotated |  | 28 March | Done. |
| 2 | Early results of the new DM BC is released. The trends are not showing a huge improvement. In some sub-stages started with better answers. |  | 28 March | Ongoing. |
| 3 | Comparing SQP and ALPSO shows that the problem of continuity is still exist, only rates are refined and objective is reduced, which has nothing to show in visualisation. |  | 28 March | Visualised in cmgui |

# Thesis writing progress

List of planned thesis chapters, major sections and their progress

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| --- | --- | --- | --- |
| Chapter No/Title | Progress % | Target Completion Date | Review/Comments |
| Chapter 0, 1 | 80 |  |  |
| Chapter 2 | - |  |  |
| Chapter 3 | - |  |  |
| Chapter 4 | - |  |  |
| Chapter 5 | - |  |  |
| Chapter 6 | - |  |  |
| Chapter 7 | - |  |  |
| Appendix | - |  |  |

# Major decisions

* New milestones are given.
* Run optimisation problem to find the best transformation, and then we can conserve the DM BC through the sub-stages. It may need to be with an optimisation, or so.
* 7 variables are required to provide the best transformation matrix with rotation and 3 translation.
* Make the visualisation better, still rates are not with the proper xi directions.

# Remarks

Student visa application lodged on Friday.