**Progress report 4**

Tawab Karim

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| --- | --- |
| Date | 09/09/2019 |
| Subject | AIM |
| Project Term |  |

# Outcomes of the last meeting (02/09/2019)

* Schedule meeting with Tope/Oleg/Jelmer/Carlas via secretariat to discuss the adaptive optics course (project part only)
* Will upload progress reports before Monday in order to make my schedule clear for everyone.
* Will get deadlines on components (see appendix) from Jan so the agenda from his side will also become more clear.

# Results during the last week(s)

* Made 3D models from 2D drawings of Alice
* Made 3D model of Alice’s setup
* Made 3D model of our current DMD setup
* Made 3D model of possible new DMD setup

# Other business

* Going to keep track of hours worked in a excel sheet.
* This week I’ll be here on Monday and Thursday (Except for the timeslot’s where I have lectures) See appendix for more specific time’s

# Plans for next week(s)

* Start with a possible design for a lightsheet. Look at AIM as an example. And at the paper of the Bsc. students.
* Make models of components in DMD-setup which are missing. (f.e. DMD, DMD-mounts)
* Look at zemax model from Gleb
* Look at STEP files from AIM and translate these into a 3D model
* Finish component codes and list (see appendix)

# Schedule current and next week

## This week

* Monday 0830 – 1530
* Thursday 0830 – 1030 and 1330 – 1800

## Next Week

* Monday 0830-1530
* Wednesday 1330-1930
* Thursday 1330-1930

# Production Agenda

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project | Figure | Current Components | Needed Components | Earliest Due Date |
| DMD-Setup | LINK |  |  |  |
| TIRF-Setup | LINK | 1,2,3,4,6,7,8,10 | 5,9 | 30/09/2019 |
| LS-Module | LINK |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Figure no. | Component code | Component Name | Amount in Inventory | Amount in production | Production due date |
| [1](#_Figure_1_1) | CR001-A | Microscope Tower | 1 | 2 | 30/09/2019 |
| [2](#_Figure_2_1) | CR002-A | EM Plate | 1 | 2 | 30/09/2019 |
| [3](#_Figure_3_1) | CR003-A | FilterPlate | 1 | 2 | 30/09/2019 |
| [4](#_Figure_4) | CR004-A | CoverPlate V2 P1 | 1 | 2 | 30/09/2019 |
| [5](#_Figure_5) | CR005-A | CoverPlate V2 P2 | 0 | 3 | 30/09/2019 |
| [6](#_Figure_6) | CR006-A | BottomPlate | 1 | 2 | 30/09/2019 |
| [7](#_Figure_7) | CR007-A | Stage Mount | 3 | 0 | - |
| [8](#_Figure_8) | CR008-A | Stage Plate | 3 | 0 | - |
| [9](#_Figure_9) | CR009-A | Tube Lens Mount | 0 | 1 | 10/10/2019 |
| [10](#_Figure_10) | PP001-A | CameraMount | 2 | 0 | - |
| 11 | CR008-B | Stage Plate | 0 | 1 | 10/10/2019 |
| 12 | CR010-A | StageThorlabsAdapter-A | 0 | 1 | 10/10/2019 |
| 13 | CR011-A | StageThorlabsAdapter-B | 0 | 1 | 10/10/2019 |
| 14 | CR012-A | SpacerBlockStage | 0 | 1 | 10/10/2019 |
| 15 | CR013-A | FilterPlateStraight | 0 | 1 | 10/10/2019 |
| 16 |  |  |  |  |  |
| 17 |  |  |  |  |  |
| 18 |  |  |  |  |  |

## Project figures

## Component figures

|  |  |
| --- | --- |
| Figure 1 -- CR001-A | Figure 2 |
|  |  |
| Figure 3 | Figure 4 |
|  |  |
| Figure 5 | Figure 6 |
|  |  |
| Figure 7 | Figure 8 |
|  |  |
| Figure 9 | Figure 10 |
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# Appendix

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