**Progress report 8**

Tawab Karim

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| --- | --- |
| Date | 07/10/2019 |
| Subject | AIM+Website |
| Project Term |  |

# Outcomes of the last meeting (30/09/2019)

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# Results during the last week(s)

* Looked at external manufacturing, it is not worth it for certain components. (Fe the DMD mount)
* Jaap is now in possession of all the components needed to build a DMD-setup (currently with a single DMD though)
* Light sheet module is now correctly defined with distances and lens selection. Hull has been designed as well. Some work needed still to make it functional, also looking into 3D-tilt.

# Other business

* -

# Plans for next week(s)

* Print 3D casing for the dmd, in order for it to be mountable on the Thorlabs mount.
* Finish the design of the light sheet module. If needed discuss with Gleb about the zemax model.
* Look at the design of the other websites and come up with a draft for how to advertise ourselves, for example trough a website or trough twitter.
* Start the build of the laserbox (Will or Alex will build this)
* Finalize new batches for Jan.

# Schedule current and next week

## This week

* Thursday 1330-1930

## Next Week

* Monday 0830-1330
* Thursday 1330-1930

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| --- | --- | --- | --- | --- |
| 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](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_1_1) | CR001-A | Microscope Tower | 1 | 2 | 30/09/2019 |
| [2](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_2_1) | CR002-A | EM Plate | 1 | 2 | 30/09/2019 |
| [3](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_3_1) | CR003-A | FilterPlate | 1 | 2 | 30/09/2019 |
| [4](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_4) | CR004-A | CoverPlate V2 P1 | 1 | 2 | 30/09/2019 |
| [5](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_5) | CR005-A | CoverPlate V2 P2 | 0 | 3 | 30/09/2019 |
| [6](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_6) | CR006-A | BottomPlate | 1 | 2 | 30/09/2019 |
| [7](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_7) | CR007-A | Stage Mount | 3 | 0 | - |
| [8](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_8) | CR008-A | Stage Plate | 3 | 0 | - |
| [9](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_9) | CR009-A | Tube Lens Mount | 0 | 1 | 18/10/2019 |
| [10](file:///C:\Users\tawab\Documents\DCSC%20-%20Work\%23Progress%20Reports%23\Progress%20report%207.docx#_Figure_10) | PP001-A | CameraMount | 2 | 0 | - |
| 11 | CR008-B | Stage Plate | 0 | 1 | 18/10/2019 |
| 12 | CR010-A | StageThorlabsAdapter-A | 0 | 1 | 18/10/2019 |
| 13 | CR011-A | StageThorlabsAdapter-B | 0 | 1 | 18/10/2019 |
| 14 | CR012-A | SpacerBlockStage | 0 | 1 | 18/10/2019 |
| 15 | CR013-A | FilterPlateStraight | 0 | 1 | 18/10/2019 |
| 16 | CR020-A | PanelLaserBox1 | 0 | 1 | 04/10/2019 |
| 17 | CR021-A | PanelLaserBox2 | 0 | 1 | 04/10/2019 |
| 18 | CR022-A | PanelLaserBox3 | 0 | 1 | 04/10/2019 |
| 19 | CR023-A | PanelLaserBox4 | 0 | 1 | 04/10/2019 |
| 20 | CR024-A | PanelLaserBox5 | 0 | 1 | 04/10/2019 |
| 21 | CR025-A | PanelLaserBox6 | 0 | 1 | 04/10/2019 |
| 22 | CR026-A | PanelLaserBox7 | 0 | 1 | 04/10/2019 |
| 23 | CR027-A | PanelLaserBox8 | 0 | 1 | 04/10/2019 |
| 24 | CR028-A | PanelLaserBox9 | 0 | 1 | 04/10/2019 |
| 25 | CR029-A | PanelLaserBox1D | 0 | 1 | 04/10/2019 |
| 26 | CR030-A | PanelLaserBox4D | 0 | 1 | 04/10/2019 |
| 27 | CR014-A | OuterBlock1 | 0 | 1 | ? |
| 28 | CR015-A | OuterBlock2 | 0 | 1 | ? |
| 29 | CR016-A | InnerBlock | 0 | 1 | ? |
| 30 | CR017-A | PolerazationConnector | 0 | 1 | ? |
| 31 | CR018-A | PolerazationSelector | 0 | 1 | ? |
| 32 | CR031-A | BackPlateMirror | 0 | 1 | ? |
| 33 | CR032-A | MirrorRotMount | 0 | 1 | ? |
| 34 | CR033-A | HoldPlate | 0 | 1 | ? |
| 35 | CR034-A | Mounting | 0 | 1 | ? |
| 36 | CR035-A | SidePlateConnector | 0 | 1 | ? |
| 37 | CR036-A | SidePlateB | 0 | 1 | ? |
| 38 | CR037-A | SidePlates | 0 | 1 | ? |
| 39 | CR038-A | NemaMount | 0 | 1 | ? |
| 40 | CR039-A | HaltePlatte | 0 | 2 | 04/10/2019 |
| 41 | CR040-A | Anschraubplatte | 0 | 2 | 04/10/2019 |
| 42 | CR041-A | Kugelhalter2 | 0 | 4 | 04/10/2019 |
| 43 | CR042-A | Kugelhalter | 0 | 2 | 04/10/2019 |
| 44 | CR043-A | Kugelhalter3 | 0 | 2 | 04/10/2019 |
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## Project figures

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| DMD-Setup |
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| TIRF-Setup |
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| LS-module |
| -image not yet made- |

## Component figures

|  |  |
| --- | --- |
| Figure 1 -- CR001-A | Figure 2 – CR002-A |
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| Figure 3 – CR003-A | Figure 4 – CR004-A |
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| Figure 5 – CR005-A | Figure 6 – CR006-A |
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| Figure 7 – CR007-A | Figure 8 – CR008-A |
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| Figure 9 – CR009-A | Figure 10 – PP001-A |
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| Figure 13 – CR008-B | Figure 12 – CR010-A |
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| Figure 13 – CR011-A | Figure 14 – CR012-A |
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| Figure 15 – CR013-A | Figure 16 – CR020-A |
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| Figure 17 – CR021-A | Figure 18 – CR022-A |
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| Figure 19 – CR023-A | Figure 20 – CR024-A |
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| Figure 21 – CR025-A | Figure 22 – CR026-A |
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| Figure 23 – CR027-A | Figure 24 – CR028-A |
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| Figure 25 – CR029-A | Figure 26 – CR030-A |
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| Figure 27 – CR014-A | Figure 28 – CR015-A |
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| Figure 29 – CR016-A | Figure 30 – CR017-A |
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| Figure 31 – CR018-A | Figure 32 – CR031-A |
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| Figure 33 – CR032-A | Figure 34 – CR033-A |
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| Figure 35 – CR034-A | Figure 36 – CR035-A |
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| Figure 37 – CR036-A | Figure 38 – CR037-A |
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| Figure 39 – CR038-A | Figure 40 – CR039-A |
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| Figure 41 – CR040-A | Figure 42 – CR041-A |
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| Figure 43 – CR042-A | Figure 44 – CR043-A |
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# Appendix

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