****minutes

Sub project / GAP (incl. sub projects): GAP II: A01, B04, C04, D01

Date and location: Zoom, 25.04.2022

Participants: Vanessa Wirth, Johanna Bräunig, Simon Heinreich, Matthias Schubert

Keeper of the minutes: Johanna Bräunig

Date and location for next meeting: Zoom, 25.04.2022

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| **topic 1 - title** |
| content/description:  Measurements still continue until end of May |
| Check for new depth camera setup to measure hand movement study   * Triggering for Intel RealSence Depth camera * Check on triggering of azure Kinect using Triggerboard |
| tasks and responsibilities: |
| * Johanna checks on how to sync the IntelRealSense * Mareike (Student) checks on disturbed RGB data of Azure while using Sync-Board |

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| **topic 2 - title** |
| content/description: Comparison of maker-based setup with markerless setup |
| This would be interesting as a pulication  As soon as we have a working measurement setup containing marker-based and markerless technologies, we can work towards a publication here  Can we use certain projectors to project the markers onto the hand? |
| tasks and responsibilities: |
| We first need to get the triggering of the Intel RealSense done  Vanessa’s long term goal is the tracking using depth data, which we will need herefore also. |

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| **topic 3 - title** |
| content/description: |
| Vanessa needs a CT image of a healthy proband to personalize a statistical hand model  <https://arxiv.org/pdf/2204.10129.pdf>  <https://www.researchgate.net/publication/346939671> |
| tasks and responsibilities: |
| Birte will check on the availability of CT data |

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| **topics for next meeting** |
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**Notes:**