minutes

Sub project / GAP (incl. sub projects): C-meeting (all C projects)

Date and location: 23.06.2022

Participants: Markus Gambietz, Iris Wechsler, Sophie Fleischmann, Julian Shanbhag, Simon Heinrich, Jörg Miehling, Anne Koelewijn, Marlies Nitschke

Keeper of the minutes: Julian Shanbhag

Date and location for next meeting: 28.07.2022

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| **C01 Update (Markus)** |
| Content/description:* Finished draft of paper
* Poster for conference (in progress)
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| Outlook:* Validate 2D OpenSim model
* Run Morris screening
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| **C02 Update (Iris)** |
| Content/description:* Paper review process (of supervisors) ongoing
* Poster for conference finished
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| Outlook:* Paper submission
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| **C03 Update (Sophie)** |
| Content/description:* First simulations: time-dependent controller gains, effort term for Parkinson’s patients (step placement)
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| Outlook:* PCA analysis Parkinson’s vs healthy
* Entropic half life
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| **C03 Update (Julian)** |
| Content/description:* Paper draft finished
* Review process ongoing
* Measurement protocol for C03-measurements finished
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| Outlook:* Paper review by C03-supervisors next
* Meeting with Sophie, Jörg and Björn to clarify last open point regarding C03-measurements
* First test-measurements in clinic
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| **C04 Update (Simon)** |
| Content/description:* Finished bachelor theses (Cyberglove calibration) and measurements (with Birte, Vanessa, Johanna)
* Postprocessing of the measurements started
* Finalized presentation for WCB 2022
* Second conference presentation accepted
* Paper draft (effect of fuzzy marker locations on joint angles during gait, as co-author)
* Searching for 2-3 Hiwis
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| Outlook:* Visiting conferences
* Optimal control simulations with full hand grasping
* 2 publications (one as main author, one as co-author)
* Measurements at hospital
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| **Publishing data (Marlies)** |
| In which data format should data be published?* OpenSim (Empkins-Antrag) brings some difficulties
* Diskussion: Data in OpenSim-format or Matlab-struct?
* Consens: OpenSim would be convenient for users (maybe additionally Matlab + standalone to convert tables)
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| **topics for next meeting** |
| o Status updateso tbd |

**Notes:**

* Contract of Linus ends at the moment until 31.08. 🡪 **Markus:** check if he will be willing to extend it