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

|  |
| --- |
| **C01 Update (Markus)** |
| Content/description:   * Finished draft of paper * Poster for conference (in progress) |
| Outlook:   * Validate 2D OpenSim model * Run Morris screening |

|  |
| --- |
| **C02 Update (Iris)** |
| Content/description:   * Paper review process (of supervisors) ongoing * Poster for conference finished |
| Outlook:   * Paper submission |

|  |
| --- |
| **C03 Update (Sophie)** |
| Content/description:   * First simulations: time-dependent controller gains, effort term for Parkinson’s patients (step placement) |
| Outlook:   * PCA analysis Parkinson’s vs healthy * Entropic half life |

|  |
| --- |
| **C03 Update (Julian)** |
| Content/description:   * Paper draft finished * Review process ongoing * Measurement protocol for C03-measurements finished |
| 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 |

|  |
| --- |
| **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 |
| Outlook:   * Visiting conferences * Optimal control simulations with full hand grasping * 2 publications (one as main author, one as co-author) * Measurements at hospital |

|  |
| --- |
| **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) |

|  |
| --- |
| **topics for next meeting** |
| o Status updates  o tbd |

**Notes:**

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