**IceCube Institutional Memorandum Of Understanding (MOU)**

**Scope of Work**

**Humboldt Universität Berlin**

**Alexander Kappes**

**Ph.D Scientists** (Faculty Scientist/Post Doc Grads): **2** (2 0 2)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Labor Cat.** | **Names** | **WBS L3** | **Tasks** | **WBS 2.1** | **WBS 2.2** | **WBS 2.3** | **WBS 2.4** | **WBS 2.5** | **Grand Total** |
| Program Management | Detector Maintenance & Operations | Computing & Data Management | Triggering & Filtering | Data Quality, Reconstruction & Simulation Tools |
| KE | KAPPES, ALEXANDER | Administration | PubComm Chair |  0.25 |   |   |   |  | 0.25 |
|  |  | Administration | ExecCom Member |  0.20 |   |   |   |  | 0.20 |
|   | **KAPPES, ALEXANDER Total** |  | **0.45** |  |  |  |  | **0.45** |
| GR | Altmann, David  | Reconstruction/ Analysis tools | Track reconstruction |  |  |  |  | 0.15 | 0.15 |
|  | **Altmann, David Total**  |  |  |  |  |  | **0.15** | **0.15** |
|  | DE WITH, MEIKE | Reconstruction/ Analysis tools | Reconstruction Release Manager, Maintain Reconstruction Framework |  |  |  |  | 0.25 | 0.25 |
|  | **DE WITH, MEIKE Total**  |  |  |  |  |  | **0.25** | **0.25** |
| **Humboldt Total** |  |  | **0.45** |  |  |  | **0.40** | **0.85** |

**Faculty:**

Alexander Kappes – Institutional Lead, Chair of Pubcom Committee and member of the Exec Committee

Hermann Kolanoski – IceTop

**Scientists and Post Docs:**

**Ph.D. Students:**

David Altmann – improving the track reconstruction.

Thesis/Analysis topics: search for point sources in the southern sky

Meike de With - Reconstruction coordination

Thesis/Analysis topics: search for WIMPs from galaxy clusters

**Diploma/Master students:**

Alexey Shmelkin - PINGU calibration studies with flashers