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

**Universität Mainz**

**Lutz Köpke**

**Ph.D Scientists** (Faculty Scientist/Post Doc Grads): **2** (2 0 6)

**Scope of Work**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | Köpke, Lutz  | Administration | Supernova group co. | 0.25 |  |  |  |  | 0.25 |
|   | **Köpke, Lutz Total** |  | **0.25** |  |  |  |  | **0.25** |
| GR | Kroll, Gösta | SuperNova Operations | SuperNova Operations |  | 0.20 |  |  |  | 0.20 |
|   | **Kroll, Gösta Total** |  |  | **0.20** |  |  |  | **0.20** |
|  | BAUM, VOLKER | SuperNovaOperations | SuperNovaOperations |  | 0.50 |  |  |  | 0.50 |
|  | **BAUM, VOLKER Total** |  | **.0.50** |  |  |  | **0.50** |
|  | EBERHARD, BENJAMIN | SuperNovaOperations | SuperNovaOperations |  | 0.50 |  |  |  | 0.50 |
|  | **EBERHARD, BENJAMIN Total** |  | **0.50** |  |  |  | **0.50** |
|  | SCHATTO, KAI | Reconstruction tools | PPC based tablesMuon reconstr.  |  |  |  |  | 0.10 | 0.10 |
|   | **SCHATTO, KAI Total** |  |  |  |  |  | **0.10** | **0.10** |
|  | WIEBE, KLAUS | Reconstr. tools | Angular res. cascades |  |  |  |  | 0.20 | 0.20 |
|  |  | Simulation Prod.  | Simulation Prod. |  |  | 0.10 |  |  | 0.10 |
|   | **WIEBE, KLAUS Total** |  |  |  | **0.10** |  | **0.20** | **0.30** |
|   | UM GR | Detector Monitoring | Detector Monitoring |  | 0.05 |  |  |  | 0.05 |
|   | **UM GR Total** |  |  | **0.05** |  |  |  | **0.05** |
| **UM Total** |  |  | **0.25** | **1.25** | **0.10** |  | **0.30** | **1.90** |

**Faculty:**

 Lutz Köpke – SN working group coordinator

 Heinz-Georg Sander – Advisor

**Ph.D. Students:**

 Gösta Kroll – SN DAQ

 Thesis/Analysis topics:

 Volker Baum – SN DAQ

 Thesis/Analysis topics:

 Benjamin Eberhard – SN DAQ

 Thesis/Analysis topics:

 Kai Schatto – PPC tables, muon reconstruction

 Thesis/Analysis topics:

 Klaus Wiebe – simulation production, cascade reconstruction

 Thesis/Analysis topics:

 Jan Lünemann – (thesis analysis, no more service tasks)

 Thesis/Analysis topics:

**Diploma/Master Students**