IceCube Institutional Memorandum Of Understanding (MOU)

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 |
| PO | TUM PO | Data Quality | Data Quality & DeepCore |  |  |  |  | 0.60 | 0.60 |
|   | TUM PO Total |   |  |  |  |  | 0.60 | 0.60 |
| GR | TUM GR | Detector Monitoring | Detector Monitoring |  | 0.05 |  |  |  | 0.05 |
|   | TUM GR Total |   |  | 0.05 |  |  |  | 0.05 |
| TUM Total |   |   |  | 0.05 |  |  | 0.60 | 0.65 |

Faculty:

Elisa Resconi

Scientists and Post Docs:

Martin Jurkovic (since 1.1.2013, end 10.2015) - R&D on calibration for PINGU, low level studies for IceCube

Technische Universität München

Elisa Resconi

Ph.D Scientists (Faculty Scientist/Post Doc Grads): 3 (1 2 2)

Technische Universität München

Elisa Resconi

Ph.D Scientists (Faculty Scientist/Post Doc Grads): 2 (1 1 3)

 Analysis topics: point source analysis

Ph.D. Students:

Stefan Coenders since 10.2013

 Thesis/Analysis topics: Point source in IceCube

Kai Kring since 09.2014

 Thesis/Analysis topics: Semi-diffuse analysis, calibration for Gen2

Andrea Turcati since 01.2015

 Thesis/Analysis topics: Point source in IceCube

**Diploma/Master Students:**

Matthias Huber, Joost Veenkamp, Maximilian Klepper, Antonio Becerra Esteban

**Bachelor Students:**

Juliane van Scherpenberg, Kilian Holzapfel, Nicola Söker, Irene Mayoral