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

**Scope of Work**

**Georgia Tech**

**Ignacio Taboada**

**Ph.D Scientists** (Faculty Scientist/Post Doc Grads): **1** (1 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 | TABOADA, IGNACIO | TFT Coordination | TFT Board Chair |  |   |   | 0.25 |   | 0.25 |
| Physics Filters | GRB WG Chair |  |   |   | 0.25 |   | 0.25 |
|   | **TABOADA, IGNACIO Total** |  |  |  |  | **0.50** |  | **0.50** |
| GR  | DAUGHHETTEE, JACOB  | Data Production Processing | online / L2 / L3 processing for low energy group |  |  | 0.20 |  |  | 0.20 |
| CASEY, JAMES | Detector Monitoring | Monitoring shifts |   | 0.03 |   |   |   | 0.03 |
| Detector Calibration  | Bubble studies with flashers |  | 0.20 |  |  |  | 0.20 |
|  | **GTECH GR Total** |  |  | **0.23** | **0.20** |  |  | **0.43** |
| **GTECH Total** |  |  |  | **0.23** | **0.20** | **0.50** |  | **0.93** |

**Faculty:**

Ignacio Taboada – TFT Board chair, GRB WG Chair

**Post Docs:**

**Ph.D. Students:**

James Casey – Monitoring shifts, bubble studies with flashers

 Thesis topic: GRBs  / HESE GRBs

Jacob Daughhettee – online / L2 / L3 for low energy group

 Thesis topic: Choked GRBs with DeepCore