

Upgrade and Update of Computer Systems
within Dr. Hohlmann's High Energy Physics
(HEP) Research Group Progress Evaluation:
Milestone 4

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1 HEP Senior Design

- Josef Bostik - jbstik2015@my.fit.edu
- Eric Pereira - epereira2015@my.fit.edu
- Ryan Wojtyla - rwojtyla2015@my.fit.edu

2 Faculty Sponsor

Eraldo Ribeiro - eribeiro@fit.edu

3 Client

Marcus Hohlmann - hohlmann@fit.edu
Head of the Florida Tech HEP group

4 Meeting with Faculty Sponsor

5 Meeting with Client

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6 Progress of current Milestone

Task	% Completion	Ryan	Eric	Josef	To Do
Repair Existing MTS	70%	20%	40%	10%	FEC firmware
Prepare Development MTS Machine	70%	20%	10%	40%	repair software
Boot Cluster into ROCKS	80%	60%	10%	10%	fix boot issues
GEM Machines	80%	10%	60%	10%	continue reorganization

7 Discussion - Current Milestone

7.1 Existing MTS Progress

7.2 Development MTS Computer Progress

7.3 Computing Cluster

7.4 GEM Machines

8 Parts Worked On

8.1 Josef Bostik

-

8.2 Eric Pereira

-

8.3 Ryan Wojtyla

-

9 Task Matrix - Next Milestone

10 Discussion - Next Milestone

10.1 Existing MTS

10.2 Development MTS Computer

10.3 Computing Cluster

10.4 GEM Machines

11 Sponsor Feedback

11.1 Existing MTS

11.2 Development MTS Machine

11.3 Computing Cluster

11.4 GEM Computers

11.5 Sponsor Signature

Sponsor Signature

Date

12 Sponsor Evaluation

Josef Bostik	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Eric Pereira	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Ryan Wojtyla	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10