

Dear Vicky,

The ESE group helps the Computing Division advance the scientific mission of the laboratory by providing leadership, support, and resources in the area of hardware for data acquisition, triggers and detectors. Specifically we:

1. Work with experiments and collaborators to provide and maintain hardware solutions for scientific data collection.
2. Advance cost effective engineering solutions to uncommon problems.
3. Participate in R&D for future scientific programs at FNAL.
4. Explore new technologies to be in a position to take advantage of them.
5. Extend our techniques to more general problems outside HEP (technology transfer, etc).

The current responsibilities and tasks at ESE are detailed in the presentation slides but the history of all group projects includes aspects of much of the scientific program at the laboratory. We are successful at system module and component hardware engineering in a computing division composed of mostly software and computer system people. With these distinctive skills, we add an extra dimension of capability to division projects and we have a history of successful collaborations with other parts of the division.

We appreciate that Matthias strongly supported us and promoted us across the laboratory and we hope that continues. We understand and respect the laboratory priorities. We have become a strong group with a good mix of skills and interests and the last few years show that that mix matches well with the range of engineering problems faced by HEP laboratories.

We have a record of skill development for members of the group and are a consistent end user of cooperative and summer students. We need to continue to expand the skills of our personnel and should extend the skills to overlap more with other division groups with whom we have collaborative efforts.

In summary, the ESE group works well both internally, with others, accomplishes a large amount of work across the laboratory and we look forward to working on future interesting problems together.

ESE management