

ESTC Minutes

Engineering Student Technology Committee

May 2, 2022

3-4pm, Titan Computer Lab/Teams

4pm Scott Data Center Tour

Present:

ATS :

CBE : Parsa Ghadermazi

CEE :

ECE : Yifan Yang, Peter Walsh (Chair)

ME : Miguel Valles Castro, Olivia Brown

SE : Prof. Daniel Herber

SBME :

Ex-Officio : Kelley Branson (ETS)

Guests : Nick Stratton (ETS)

Absent:

ATS : Kevin Yang, Lee Brent, Prof. Elizabeth Barnes

CBE : Lauren Robertson, Mason Vess, Prof. Jean Peccoud

CEE : Claire Paschke, Lily Drum-Parce, Danny White, Prof. Aditi Bhaskar

ECE : Ross Leopold, Prof. Mahdi Nikdas

ME : Prof. Kirk McGilvray

SE : Hamza Ahmed

SBME : Jaiden Oropallo

Ex-Officio : Prof. Karan Venayagamoorthy (Academic Affs)

Old Business & Welcome

Welcome and Minutes

- Peter welcomed everyone. We all had pizza, cookies, veggies and drinks.
- The minutes from the April 19, 2022 meeting were approved and will be posted to the ESTC website by Kelley. These and other ETSC documents are available to ESTC members at the following:
<T:\Committees\ESTC>
If you are unable to get into this drive space, let Kelley know.

Old Business & Announcements

- UTFAB GPU proposal: Even though we were told we had a very strong proposal, UTFAB did not end up funding this because they felt it did not benefit enough non-Engineering students.

New Business

New ESTC Chair

Congratulations to Ross Leopold who was unanimously selected as the ESTC Chair for Academic Year '23! And a special thank you to Peter Walsh for his excellent leadership this past year.

Letters of Service

If you were an active participant this year on the ESTC and would like a Letter of Service, please email Kelley. She is always very happy to write these.

Discussion Time

As a group, we discussed what students and faculty would like to see in a redesigned computer lab (Anderson and Titan for example). Some ideas were:

- Group collaborative spaces with technology similar to white boards
- Virtual reality stations
- Digital Engineering - connecting activities via cloud technologies
- Informal "classes" on programming and optimizations. Some of these happen organically within departments. Perhaps Computer Science offers something like this for Python, machine learning, etc? Kelley suggested the ESTC could talk about what this could look like in the fall. What languages are people using (Python and Matlab mainly with outliers using C/C++ and Fortran). ETS could help teach students how to use our HPC resources.

Next Meeting

This was the final meeting of Academic Year 2022. The ESTC will reconvene in September, 2022.

Meeting was adjourned at 4pm.

Respectfully submitted by Kelley Branson