Project Feedbacks

Program Monitoring using eBPF:
-> I was not sure how it would perform in front of existing projects.
-> I would like to see what is performance benefits from the LKM and eBPF how fast is eBPF compared to LKM
-> It was more on the software side by using sql and python to visualise things. It was good seeing the scripts to visualise things though

Software defences for kernel against microarchitectural attacks
-> But the research was good. Learned a lot of terminologies from the presentation.
-> Never knew this terms exists and we can attack cache as well through this types of attacks
-> What is the implementation, it is just research, looks like.

Comparative Analysis of PSO-ACO Hybrid Algorithm for Task Scheduling and Energy Efficiency in Cloud Computing
-> Good project. Understood a couple of terminologies for cloud computing. I will look forward to the final project showcase.
-> I did not have any suggestions for the project. I will look more into cloud computing in following days to get some context for the project

Avoiding Kernel Overhead in High-Performance Linux Environments
-> Research content was good. I will read some of the content if I have time.
-> Also what if we remove the overhead, he just mentioned kernel overhead measurement, not removing it.
-> was a good project, I will look forward to the implementation of the idea.

Comprehensives Comparison of File Systems with an NTFS windows instance on Linux
-> She mentioned implementing the file system at last. Not sure how she will implement the file system. Will she be implementing from the scratch or leveraging the code(I heard about the git repo she will be using but guess that is outdated).
Only thing I would worry about is Linux can sometimes corrupt new files being written to NTFS partitions and they won't be reliably saved. So it best to use the NFTS system for read only and store any new files on a Linux centric file system such as Ext4.
-> benchmarking both file systems is a good idea as we just know that ext4 is better performing in terms of fragmentation but at what measure ?
-> how will she benchmark the file system ? There are multiple reasons why ext4 will not perform well on windows and NTFS on linux. Not sure measure for benchmark.