

## Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel (Co-PI)
- Dr. Xin-Wen Wu (Co-PI)
- Maria Balega

Meeting started at 5:00 p.m.

Unanimously approved minutes for meeting on June 21, 2021

## Main Points

- Discussed:
  - Maria
    - Ran the Mirai35 dataset with 10 million lines in XGBoost and got accuracy of 99.99%
    - Had issues with missing values as dashes and changed them to blanks
    - Added metrics including precision, F1, and recall
- Tasks:
  - Maria
    - Run a different IoT23 capture in XGBoost that isn't dominated by DDoS attacks
    - Work with Adam to learn autoencoder
    - Work with Alicia to run datasets in SVM to see comparison of results with XGBoost
    - Meet with new students and train them for GenCyber

Adjournment at 6 p.m.

Next meeting will be held on Wednesday July 7th at 12 p.m. via Dr. Farag's Zoom room